Big Bend National Park
Breeding Bird Surveys

May 2008

By Mark R. Flippo



kpardieck@usgs.gov
07/14/2008 01:48 PM
AST
Please respond to
kpardieck

To: MARK_R_FLIPPO@NPS.GOV
cc:
Subject: BBS Data Received

[This is an automated email message. No need to respond unless this message was sent to you in error.]

July 14, 2008

Data Reference:
United States, Texas - 83, Route - 082
Run Method: 101 -- Standard BBS
Run Year: 2008

Dear MARK FLIPPO:
Thank you for conducting the Hot Springs, TX Breeding Bird Survey route (83 - 082) for 2008. Your data have been input into the BBS database and will be processed within the next 4-6 weeks. At that time we will send you an email message requesting your assistance in a final review of your data before it's incorporated into the long-term BBS database. As always, thank you for your generous contribution and good birding.

Sincerely,

Keith Pardieck
BBS National Coordinator
USGS Patuxent Wildlife Research Center
12100 Beech Forest Road
Laurel, Maryland 20708-4038
kpardieck@usgs.gov



kpardieck@usgs.gov
07/14/2008 04:08 PM
AST
Please respond to
kpardieck

To: MARK_R_FLIPPO@NPS.GOV
cc:
Subject: BBS Data Received

[This is an automated email message. No need to respond unless this message was sent to you in error.]

July 14, 2008

Data Reference:
United States, Texas - 83, Route - 900
Run Method: 101 -- Standard BBS
Run Year: 2008

Dear MARK FLIPPO:
Thank you for conducting the Chisos Basin, TX Breeding Bird Survey route (83 - 900) for 2008. Your data have been input into the BBS database and will be processed within the next 4-6 weeks. At that time we will send you an email message requesting your assistance in a final review of your data before it's incorporated into the long-term BBS database. As always, thank you for your generous contribution and good birding.

Sincerely,

Keith Pardieck
BBS National Coordinator
USGS Patuxent Wildlife Research Center
12100 Beech Forest Road
Laurel, Maryland 20708-4038
kpardieck@usgs.gov



kpardieck@usgs.gov
07/15/2008 01:47 PM
AST
Please respond to
kpardieck

To: MARK_R_FLIPPO@NPS.GOV
cc:
Subject: BBS Data Received

[This is an automated email message. No need to respond unless this message was sent to you in error.]

July 15, 2008

Data Reference:
United States, Texas - 83, Route - 319
Run Method: 101 -- Standard BBS
Run Year: 2008

Dear MARK FLIPPO:
Thank you for conducting the Castolon, TX Breeding Bird Survey route (83 - 319) for 2008. Your data have been input into the BBS database and will be processed within the next 4-6 weeks. At that time we will send you an email message requesting your assistance in a final review of your data before it's incorporated into the long-term BBS database. As always, thank you for your generous contribution and good birding.

Sincerely,

Keith Pardieck
BBS National Coordinator
USGS Patuxent Wildlife Research Center
12100 Beech Forest Road
Laurel, Maryland 20708-4038
kpardieck@usgs.gov

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):	05/17/2008	
Start Time(hh:mm) (hh:mm) & Status:	06 : 24	Actual
End Time(hh:mm) (hh:mm) & Status:	10 : 30	Actual
Start Temp & Status:	50 °F	Actual
End Temp & Status:	60	Actual
Start Wind & Status:	Smoke rises vertically (<1 mph, <2 Kph)	Actual
End Wind & Status:	Smoke rises vertically (<1 mph, <2 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	0	22	0	8	5	35	9
Turkey Vulture	0	1	0	0	0	1	1
Swainson's Hawk	0	0	0	0	1	1	1
Red-tailed Hawk	0	0	0	1	0	1	1
White-winged Dove	0	0	5	0	0	5	2
Mourning Dove	10	6	0	0	1	17	9
Greater Roadrunner	1	1	1	0	0	3	3
Great Horned Owl	1	0	0	0	0	1	1
Lesser Nighthawk	11	3	0	0	0	14	10
Common Poorwill	1	0	0	0	0	1	1
Black-chinned Hummingbird	0	0	0	0	1	1	1
Ladder-backed Woodpecker	0	0	0	0	2	2	1
Say's Phoebe	2	0	1	0	0	3	2
Ash-throated Flycatcher	3	0	0	2	3	8	6
Western Kingbird	0	0	0	0	2	2	1
Bell's Vireo	0	0	0	0	4	4	3
Common Raven	0	0	0	0	7	7	4
Verdin	0	2	4	1	1	8	6
Cactus Wren	11	19	15	10	5	60	34
Rock Wren	0	0	0	1	0	1	1
Bewick's Wren	0	0	0	1	2	3	3
Black-tailed Gnatcatcher	1	0	0	1	3	5	5
Northern Mockingbird	15	24	11	8	5	63	35
Curve-billed Thrasher	1	1	0	2	0	4	3
Yellow-breasted Chat	0	0	0	0	1	1	1
Canyon Towhee	0	0	1	5	2	8	5
Cassin's Sparrow	0	1	0	0	0	1	1
Rufous-crowned Sparrow	0	1	8	5	3	17	14
Chipping Sparrow	0	2	0	0	0	2	1
Black-throated Sparrow	35	28	23	13	32	131	41
Pyrrhuloxia	1	2	17	8	8	36	20

Blue Grosbeak	0	0	2	3	4	9	8
Brown-headed Cowbird	0	10	0	2	0	12	2
Scott's Oriole	1	1	0	1	8	11	9
House Finch	2	2	0	0	0	4	2
Total Species:35	**Total Ind:482**						
Vehicles	0	1	3	5	2	11	10
Noise	0	0	0	0	0	0	0

Print Field Sheet and Stops Data

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):	05/17/2008	
Start Time(hh:mm) (hh:mm) & Status:	06 : 24	Actual
End Time(hh:mm) (hh:mm) & Status:	10 : 30	Actual
Start Temp & Status:	50 °F	Actual
End Temp & Status:	60	Actual
Start Wind & Status:	Smoke rises vertically (<1 mph, <2 Kph)	Actual
End Wind & Status:	Smoke rises vertically (<1 mph, <2 Kph)	Actual
Start Sky & Status:	Cloudy (broken) or overcast	Actual
End Sky & Status:	Cloudy (broken) or overcast	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? (2009) ?	Yes
In the text box below please indicate why you will not be surveying this route next year and, if possible please provide the name and contact information of a potential replacement.	
who will replace?	
3. Did you complete the route?	Yes
Indicate how many stops were sampled?	0
4. If present, were vehicles recorded?	Yes
5. Did someone accompany AND assist with the route?	Yes
Please provide assistant's name.	No
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.	7 0

Address Corrections

Is your mailing address, telephone, and e-mail information correct? ○ Yes ● No

If no, provide the correct information below. If you survey multiple routes, you need only update this information once.

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

Ext:

Email 1: MARK_R_FLIPPO@NPS.GOV

Phone (Evening):

Ext:

Email 2:

Field Sheet - Stops Data

AOU-Species	1	2	3	4	5	Non-Breeder
03160-Mourning Dove			2	3	1	No
03750-Great Horned Owl				1		No
04210-Lesser Nighthawk	1	2	2	1	1	No
04180-Common Poorwill			1			No
04570-Say's Phoebe	2					No
04540-Ash-throated Flycatcher	2					No
07130-Cactus Wren					1	No
07520-Black-tailed Gnatcatcher				1		No
07030-Northern Mockingbird			1	2	1	No
07070-Curve-billed Thrasher				1		No
05730-Black-throated Sparrow		2	3	4	2	No
05940-Pyrrhuloxia			1			No
Number of Vehicles	"	"	"	"	"	
Excessive Noise						

AOU-Species	6	7	8	9	10	Non-Breeder
03160-Mourning Dove	2		1	1		No
03850-Greater Roadrunner			1			No
04210-Lesser Nighthawk	1	1	1		1	No
04540-Ash-throated Flycatcher		1				No
07130-Cactus Wren	1	3	2	3	1	No
07030-Northern Mockingbird	2	3	3	1	2	No
05730-Black-throated Sparrow	5	7	5	3	4	No
05040-Scott's Oriole		1				No
05190-House Finch	2					No
Number of Vehicles						
Excessive Noise						

AOU-Species	11	12	13	14	15	Non-Breeder
02930-Scaled Quail	1					No
03250-Turkey Vulture				1		No
04210-Lesser Nighthawk	3					No
07460-Verdin				1		No
07130-Cactus Wren	1	2	3	2	1	No
07030-Northern Mockingbird	3	3	3	3	2	No
05600-Chipping Sparrow		2				Yes
05730-Black-throated Sparrow	1	2	2	2	3	No
05940-Pyrrhuloxia	1					No
Number of Vehicles					1	
Excessive Noise						

AOU-Species	16	17	18	19	20	Non-Breeder
02930-Scaled Quail	3	2		16		No
03160-Mourning Dove				4	2	No
03850-Greater Roadrunner	1					No
07460-Verdin					1	No
07130-Cactus Wren	3	1	2	2	2	No
07030-Northern Mockingbird	1	3	2	2	2	No
07070-Curve-billed Thrasher		1				No
05780-Cassin's Sparrow		1				No

05800-Rufous-crowned Sparrow			1			No
05730-Black-throated Sparrow	2	3	5	4	4	No
05940-Pyrrhuloxia		1				No
04950-Brown-headed Cowbird			10			No
05040-Scott's Oriole	1					No
05190-House Finch				2		No
Number of Vehicles						
Excessive Noise						

AOU-Species	21	22	23	24	25	Non-Breeder
03190-White-winged Dove	4			1		No
03850-Greater Roadrunner	1					No
04570-Say's Phoebe					1	No
07460-Verdin	2	2				No
07130-Cactus Wren	2	1	2	2	2	No
07030-Northern Mockingbird	2	1	1	1	1	No
05800-Rufous-crowned Sparrow		1		1		No
05730-Black-throated Sparrow		5	2	5	3	No
05940-Pyrrhuloxia	1	1	1	4	3	No
05970-Blue Grosbeak					1	No
Number of Vehicles					1	
Excessive Noise						

AOU-Species	26	27	28	29	30	Non-Breeder
07130-Cactus Wren	3	2			1	No
07030-Northern Mockingbird	1		2		2	No
05910-Canyon Towhee			1			No
05800-Rufous-crowned Sparrow	1	1		2	2	No
05730-Black-throated Sparrow	1	1	3		3	No
05940-Pyrrhuloxia	2			2	3	No
05970-Blue Grosbeak			1			No
Number of Vehicles	1				1	
Excessive Noise						

AOU-Species	31	32	33	34	35	Non-Breeder
02930-Scaled Quail		7				No
03370-Red-tailed Hawk			1			No
04540-Ash-throated Flycatcher		1		1		No
07130-Cactus Wren	1	3		1	1	No
07150-Rock Wren					1	No
07190-Bewick's Wren				1		No
07030-Northern Mockingbird	1	1		1	1	No
07070-Curve-billed Thrasher				2		No
05910-Canyon Towhee		2				No
05800-Rufous-crowned Sparrow	1	1				No
05730-Black-throated Sparrow	3			4	2	No
05940-Pyrrhuloxia	1		1		4	No
05970-Blue Grosbeak		2		1		No
05040-Scott's Oriole				1		No
Number of Vehicles					1	
Excessive Noise						

AOU-Species	36	37	38	39	40	Non-Breeder
02930-Scaled Quail	1					No
07460-Verdin			1			No
07130-Cactus Wren	2	1			1	No

07520-Black-tailed Gnatcatcher			1			No
07030-Northern Mockingbird	3	1				No
05910-Canyon Towhee	1	2				No
05800-Rufous-crowned Sparrow		2		1		No
05730-Black-throated Sparrow				2	2	No
05940-Pyrrhuloxia	1	1				No
04950-Brown-headed Cowbird			2			No
Number of Vehicles		2	1	1		
Excessive Noise						

AOU-Species	41	42	43	44	45	Non-Breeder
02930-Scaled Quail				1		No
04290-Black-chinned Hummingbird	1					No
03960-Ladder-backed Woodpecker				2		No
04540-Ash-throated Flycatcher	1					No
06330-Bell's Vireo					2	No
07130-Cactus Wren				2		No
07190-Bewick's Wren		1	1			No
07520-Black-tailed Gnatcatcher		1				No
07030-Northern Mockingbird				3	1	No
05910-Canyon Towhee				2		No
05800-Rufous-crowned Sparrow	1	1	1			No
05730-Black-throated Sparrow	3	2	4	5	1	No
05940-Pyrrhuloxia				1	2	No
05970-Blue Grosbeak		1				No
05040-Scott's Oriole	1			1		No
Number of Vehicles				1		
Excessive Noise						

AOU-Species	46	47	48	49	50	Non-Breeder
02930-Scaled Quail	1	3				No
03420-Swainson's Hawk		1				No
03160-Mourning Dove				1		No
04540-Ash-throated Flycatcher	2					No
04470-Western Kingbird		2				No
06330-Bell's Vireo				1	1	No
04860-Common Raven	3	2	1	1		No
07460-Verdin				1		No
07130-Cactus Wren			2		1	No
07520-Black-tailed Gnatcatcher			1		1	No
07030-Northern Mockingbird			1			No
06830-Yellow-breasted Chat				1		No
05730-Black-throated Sparrow	7	4	4		2	No
05940-Pyrrhuloxia		2	3			No
05970-Blue Grosbeak	1		1	1		No
05040-Scott's Oriole		2	1	1	2	No
Number of Vehicles				1		
Excessive Noise						

Comments

General Comments, Suggestions, Questions or Stories from the field : (Max. 255 char) A very abnormally cool and wet day. Drizzle and sporadic rainshowers fell from stops 26 through 42.

Incomplete Route or Route Problem Comments : (Max. 500 char)

Route Vacancy and Observer Replacement Comments :

(Max. 500 char)

Comments to Document Rare, Migrant, and Nonbreeding Species : (Max. 500 char)

2527018375

2008 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 HOTSPRINGS

VALID SURVEY DATES AND START TIME

Survey route on or between these dates.

Start date (mm/dd) 0 5 / 0 7

End date (mm/dd) 0 6 / 3 0

Official Start Time: 0624

ROUTE SUMMARY INFORMATION

Complete steps 1-14.

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

0 5 / 1 7 / 2 0 0 8

2. Start time (hh:mm) 0 6 : 2 4 **End time** 1 0 : 3 0

3. Start temp 0 5 0 **End temp** 0 6 0 ○ 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

	Y	N
6. Were these data submitted via the Internet?	●	○
7. Do you intend to survey the route next year?	●	○
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?	●	○
8a. If no to 8, indicate how many stops were sampled (0-49).		
9. Were number of passing vehicles recorded during count?	●	○
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?	○	○
11. Does your name appear in the assigned observer box below? If no, please complete page 2.	●	○
12. Is your contact information below correct? If no, please provide correct information on reverse side.	○	●
13. Were you paid or otherwise compensated by your **employer** to survey this route?	●	○

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 0 7	Assistants' Hours
0	● ○	○ ○
1	○ ○	○ ○
2	○ ○	○ ○
3	○ ○	○ ○
4	○ ○	○ ○
5	○ ○	○ ○
6	○ ○	○ ○
7	○ ●	○ ○
8	○ ○	○ ○
9	○ ○	○ ○

Contact Information Corrections:

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

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

/ -

MARK_R_FLIPPO@NPS.GOV

Birth(MMDD):

Assigned BBS observer:

MARK R FLIPPO

PO BOX 123

BIG BEND NP TX 79834

United States

Office use only 2008

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 101 3089

SCAN FORM Page 1

0719018376 f you sample multiple routes, you need update your address on only one set of forms.

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

First Name: MARK | M.I.: R | Last Name: FLIPPO

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: PO BOX 99

City: TERLINGUA | St./Prov.: TX | Zip/Postal Code: 79852

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

Area Code / Telephone Number (Day): 432 / 477 - 1110

E-mail Address 1: MARK_R_FLIPPO@NPS.GOV

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!

6053018373

Official Start Time: 0624
Actual Start Time: 0624

(required) Temp 50 Wind 0 Sky 2

Country Code: 840 | Route name: HOTSPRINGS | Route Number: 83082

Date (mm/dd/yyyy): 05/17/2008

Mileage/time(optional):

Observer's Name: MARK FLIPPO

Species	AOU	Stops 1	2	3	4	5
Scaled Quail	02930					
Turkey Vulture	03250					
Swainson's Hawk	03420					
Red-tailed Hawk	03370					
Killdeer	02730					
Eur Collared-Dove	22860					
White-winged Dove	03190					
Mourning Dove	03160			2	3	1
Greater Roadrunner	03850					
Great Horned Owl	03750				1	
Elf Owl	03810					
Lesser Nighthawk	04210	1	2	2	1	1
Common Nighthawk	04200					
White-throated Swift	04250					
Lucifer Hummingbird	04370					
Blk-chin Hummingbird	04290					
Ladder-back Woodpkr	03960					
unid. Empid Flycatcher	04679					
Say's Phoebe	04570	2				
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540	2				
Cassin's Kingbird	04480					
Western Kingbird	04470					
unid. Kingbird	04447					
Loggerhead Shrike	06220					
Bell's Vireo	06330					
Chihuahuan Raven	04870					
Common Raven	04860					
Violet-Green Swallow	06150					
N Rgh-wing Swallow	06170					
Cliff Swallow	06120					
Barn Swallow	06130					
Verdin	07460					
Cactus Wren	07130					1
Rock Wren	07150					
Canyon Wren	07170					
Bewick's Wren	07190					

Species	AOU	Stops 1	2	3	4	5
Blue-gry Gnatcatcher	07510					
Blk-tail Gnatcatcher	07520				1	
Northern Mockingbird	07030			1	2	1
Curve-billed Thrasher	07070				1	
Crissal Thrasher	07120					
Yellow-breasted Chat	06830					
Summer Tanager	06100					
Canyon Towhee	05910					
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800					
Chipping Sparrow	05600					
Lark Sparrow	05520					
Blk-throated Sparrow	05730		2	3	4	2
Lark Bunting	06050					
Northern Cardinal	05930					
Pyrrhuloxia	05940			1		
Blk-headed Grosbeak	05960					
Blue Grosbeak	05970					
Varied Bunting	06000					
Painted Bunting	06010					
Eastern Meadowlark	05010					
Western Meadowlark	05011					
Bronzed Cowbird	04960					
Brn-headed Cowbird	04950					
Scott's Oriole	05040					
House Finch	05190					
Lesser Goldfinch	05300					
House Sparrow	06882					
NBr ☐ common poorwill				1		
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3089 VEHICLES

Excessive Noise: ○ ○ ○ ○ ○

Check box if non-breeder.

101

SCAN FORM Page 3

5232018371

Country Code	Route Number	Route Name	Year
840	83082	HOTSPRINGS	2008

Temp | Wind | Sky

Mileage/time(optional):

Species	AOU	Stops 6	7	8	9	10
Scaled Quail	02930					
Turkey Vulture	03250					
Swainson's Hawk	03420					
Red-tailed Hawk	03370					
Killdeer	02730					
Eur Collared-Dove	22860					
White-winged Dove	03190					
Mourning Dove	03160	2		1	1	
Greater Roadrunner	03850			1		
Great Horned Owl	03750					
Elf Owl	03810					
Lesser Nighthawk	04210	1	1	1		1
Common Nighthawk	04200					
White-throated Swift	04250					
Lucifer Hummingbird	04370					
Blk-chin Hummingbird	04290					
Ladder-back Woodpkr	03960					
unid. Empid Flycatcher	04679					
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540		1			
Cassin's Kingbird	04480					
Western Kingbird	04470					
unid. Kingbird	04447					
Loggerhead Shrike	06220					
Bell's Vireo	06330					
Chihuahuan Raven	04870					
Common Raven	04860					
Violet-Green Swallow	06150					
N Rgh-wing Swallow	06170					
Cliff Swallow	06120					
Barn Swallow	06130					
Verdin	07460					
Cactus Wren	07130	1	3	2	3	1
Rock Wren	07150					
Canyon Wren	07170					
Bewick's Wren	07190					

Species	AOU	Stops 6	7	8	9	10
Blue-gry Gnatcatcher	07510					
Blk-tail Gnatcatcher	07520					
Northern Mockingbird	07030	2	3	3	1	2
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Yellow-breasted Chat	06830					
Summer Tanager	06100					
Canyon Towhee	05910					
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800					
Chipping Sparrow	05600					
Lark Sparrow	05520					
Blk-throated Sparrow	05730	5	7	5	3	4
Lark Bunting	06050					
Northern Cardinal	05930					
Pyrrhuloxia	05940					
Blk-headed Grosbeak	05960					
Blue Grosbeak	05970					
Varied Bunting	06000					
Painted Bunting	06010					
Eastern Meadowlark	05010					
Western Meadowlark	05011					
Bronzed Cowbird	04960					
Brn-headed Cowbird	04950					
Scott's Oriole	05040		1			
House Finch	05190	2				
Lesser Goldfinch	05300					
House Sparrow	06882					
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3089 VEHICLES

Excessive Noise: ○ ○ ○ ○ ○

Check box if non-breeder.

101

SCAN FORM

7198018374

Country Code	Route Number	RouteName	Year
840	83082	HOTSPRINGS	2008

Temp	Wind	Sky
50	1	2

Mileage/time(optional):

Species	AOU	Stops 11	12	13	14	15
Scaled Quail	02930	1				
Turkey Vulture	03250				1	
Swainson's Hawk	03420					
Red-tailed Hawk	03370					
Killdeer	02730					
Eur Collared-Dove	22860					
White-winged Dove	03190					
Mourning Dove	03160					
Greater Roadrunner	03850					
Great Horned Owl	03750					
Elf Owl	03810					
Lesser Nighthawk	04210	3				
Common Nighthawk	04200					
White-throated Swift	04250					
Lucifer Hummingbird	04370					
Blk-chin Hummingbird	04290					
Ladder-back Woodpkr	03960					
unid. Empid Flycatcher	04679					
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540					
Cassin's Kingbird	04480					
Western Kingbird	04470					
unid. Kingbird	04447					
Loggerhead Shrike	06220					
Bell's Vireo	06330					
Chihuahuan Raven	04870					
Common Raven	04860					
Violet-Green Swallow	06150					
N Rgh-wing Swallow	06170					
Cliff Swallow	06120					
Barn Swallow	06130					
Verdin	07460				1	
Cactus Wren	07130	1	2	3	2	1
Rock Wren	07150					
Canyon Wren	07170					
Bewick's Wren	07190					

Species	AOU	Stops 11	12	13	14	15
Blue-gry Gnatcatcher	07510					
Blk-tail Gnatcatcher	07520					
Northern Mockingbird	07030	3	3	3	3	2
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Yellow-breasted Chat	06830					
Summer Tanager	06100					
Canyon Towhee	05910					
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800					
Chipping Sparrow	05600		2			
Lark Sparrow	05520					
Blk-throated Sparrow	05730	1	2	2	2	3
Lark Bunting	06050					
Northern Cardinal	05930					
Pyrrhuloxia	05940	1				
Blk-headed Grosbeak	05960					
Blue Grosbeak	05970					
Varied Bunting	06000					
Painted Bunting	06010					
Eastern Meadowlark	05010					
Western Meadowlark	05011					
Bronzed Cowbird	04960					
Brn-headed Cowbird	04950					
Scott's Oriole	05040					
House Finch	05190					
Lesser Goldfinch	05300					
House Sparrow	06882					
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3089 **VEHICLES** 1

Excessive Noise: ○ ○ ○ ○ ○

Check box if non-breeder.

101

SCAN FORM
Page 5

2360018370

Country Code	Route Number	Route Name	Year
840	83082	HOTSPRINGS	2008

Temp | Wind | Sky

Mileage/time(optional):

Species	AOU	Stops 16	17	18	19	20
Scaled Quail	02930	3	2		16	
Turkey Vulture	03250					
Swainson's Hawk	03420					
Red-tailed Hawk	03370					
Killdeer	02730					
Eur Collared-Dove	22860					
White-winged Dove	03190					
Mourning Dove	03160				4	2
Greater Roadrunner	03850	1				
Great Horned Owl	03750					
Elf Owl	03810					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
White-throated Swift	04250					
Lucifer Hummingbird	04370					
Blk-chin Hummingbird	04290					
Ladder-back Woodpkr	03960					
unid. Empid Flycatcher	04679					
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540					
Cassin's Kingbird	04480					
Western Kingbird	04470					
unid. Kingbird	04447					
Loggerhead Shrike	06220					
Bell's Vireo	06330					
Chihuahuan Raven	04870					
Common Raven	04860					
Violet-Green Swallow	06150					
N Rgh-wing Swallow	06170					
Cliff Swallow	06120					
Barn Swallow	06130					
Verdin	07460					1
Cactus Wren	07130	3	1	2	2	2
Rock Wren	07150					
Canyon Wren	07170					
Bewick's Wren	07190					

Species	AOU	Stops 16	17	18	19	20
Blue-gry Gnatcatcher	07510					
Blk-tail Gnatcatcher	07520					
Northern Mockingbird	07030	1	3	2	2	2
Curve-billed Thrasher	07070		1			
Crissal Thrasher	07120					
Yellow-breasted Chat	06830					
Summer Tanager	06100					
Canyon Towhee	05910					
Cassin's Sparrow	05780		1			
Ruf-crowned Sparrow	05800			1		
Chipping Sparrow	05600					
Lark Sparrow	05520					
Blk-throated Sparrow	05730	2	3	5	4	4
Lark Bunting	06050					
Northern Cardinal	05930					
Pyrrhuloxia	05940		1			
Blk-headed Grosbeak	05960					
Blue Grosbeak	05970					
Varied Bunting	06000					
Painted Bunting	06010					
Eastern Meadowlark	05010					
Western Meadowlark	05011					
Bronzed Cowbird	04960					
Brn-headed Cowbird	04950			10		
Scott's Oriole	05040	1				
House Finch	05190				2	
Lesser Goldfinch	05300					
House Sparrow	06882					
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3089 **VEHICLES**

Excessive Noise: ○ ○ ○ ○ ○

Check box if non-breeder.

101

SCAN FORM Page 6

4761018377

Country Code	Route Number	Route Name	Year
840	83082	HOTSPRINGS	2008

Temp | Wind | Sky: 55 | 1 | 2

Mileage/time(optional):

Species	AOU	Stops 21	22	23	24	25
Scaled Quail	02930					
Turkey Vulture	03250					
Swainson's Hawk	03420					
Red-tailed Hawk	03370					
Killdeer	02730					
Eur Collared-Dove	22860					
White-winged Dove	03190	4			1	
Mourning Dove	03160					
Greater Roadrunner	03850	1				
Great Horned Owl	03750					
Elf Owl	03810					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
White-throated Swift	04250					
Lucifer Hummingbird	04370					
Blk-chin Hummingbird	04290					
Ladder-back Woodpkr	03960					
unid. Empid Flycatcher	04679					
Say's Phoebe	04570					1
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540					
Cassin's Kingbird	04480					
Western Kingbird	04470					
unid. Kingbird	04447					
Loggerhead Shrike	06220					
Bell's Vireo	06330					
Chihuahuan Raven	04870					
Common Raven	04860					
Violet-Green Swallow	06150					
N Rgh-wing Swallow	06170					
Cliff Swallow	06120					
Barn Swallow	06130					
Verdin	07460	2	2			
Cactus Wren	07130	2	1	2	2	2
Rock Wren	07150					
Canyon Wren	07170					
Bewick's Wren	07190					

Species	AOU	Stops 21	22	23	24	25
Blue-gry Gnatcatcher	07510					
Blk-tail Gnatcatcher	07520					
Northern Mockingbird	07030	2	1	1	1	1
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Yellow-breasted Chat	06830					
Summer Tanager	06100					
Canyon Towhee	05910					
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800		1		1	
Chipping Sparrow	05600					
Lark Sparrow	05520					
Blk-throated Sparrow	05730		5	2	5	3
Lark Bunting	06050					
Northern Cardinal	05930					
Pyrrhuloxia	05940	1	1	1	4	3
Blk-headed Grosbeak	05960					
Blue Grosbeak	05970					1
Varied Bunting	06000					
Painted Bunting	06010					
Eastern Meadowlark	05010					
Western Meadowlark	05011					
Bronzed Cowbird	04960					
Brn-headed Cowbird	04950					
Scott's Oriole	05040					
House Finch	05190					
Lesser Goldfinch	05300					
House Sparrow	06882					
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3089 **VEHICLES** | | | | | 1

Excessive Noise: ○ ○ ○ ○ ○

Check box if non-breeder.

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SCAN FORM

2773018378

Country Code	Route Number	Route Name	Year
840	83082	HOTSPRINGS	2008

Temp | Wind | Sky

Mileage/time(optional):

Species	AOU	Stops 26	27	28	29	30
Scaled Quail	02930					
Turkey Vulture	03250					
Swainson's Hawk	03420					
Red-tailed Hawk	03370					
Killdeer	02730					
Eur Collared-Dove	22860					
White-winged Dove	03190					
Mourning Dove	03160					
Greater Roadrunner	03850					
Great Horned Owl	03750					
Elf Owl	03810					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
White-throated Swift	04250					
Lucifer Hummingbird	04370					
Blk-chin Hummingbird	04290					
Ladder-back Woodpkr	03960					
unid. Empid Flycatcher	04679					
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540					
Cassin's Kingbird	04480					
Western Kingbird	04470					
unid. Kingbird	04447					
Loggerhead Shrike	06220					
Bell's Vireo	06330					
Chihuahuan Raven	04870					
Common Raven	04860					
Violet-Green Swallow	06150					
N Rgh-wing Swallow	06170					
Cliff Swallow	06120					
Barn Swallow	06130					
Verdin	07460					
Cactus Wren	07130	3	2			1
Rock Wren	07150					
Canyon Wren	07170					
Bewick's Wren	07190					
	VEHICLES	1				1
	Excessive Noise:	○	○	○	○	○

Species	AOU	Stops 26	27	28	29	30
Blue-gry Gnatcatcher	07510					
Blk-tail Gnatcatcher	07520					
Northern Mockingbird	07030	1		2		2
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Yellow-breasted Chat	06830					
Summer Tanager	06100					
Canyon Towhee	05910			1		
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800	1	1		2	2
Chipping Sparrow	05600					
Lark Sparrow	05520					
Blk-throated Sparrow	05730	1	1	3		3
Lark Bunting	06050					
Northern Cardinal	05930					
Pyrrhuloxia	05940	2			2	3
Blk-headed Grosbeak	05960					
Blue Grosbeak	05970			1		
Varied Bunting	06000					
Painted Bunting	06010					
Eastern Meadowlark	05010					
Western Meadowlark	05011					
Bronzed Cowbird	04960					
Brn-headed Cowbird	04950					
Scott's Oriole	05040					
House Finch	05190					
Lesser Goldfinch	05300					
House Sparrow	06882					
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Check box if non-breeder.

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SCAN FORM
Page 8

2391018374

Country Code	Route Number	Route Name	Year
840	83082	HOTSPRINGS	2008

Temp | Wind | Sky: 53 | 2 | 5

Mileage/time (optional):

Species	AOU	Stops 31	32	33	34	35
Scaled Quail	02930		7			
Turkey Vulture	03250					
Swainson's Hawk	03420					
Red-tailed Hawk	03370			1		
Killdeer	02730					
Eur Collared-Dove	22860					
White-winged Dove	03190					
Mourning Dove	03160					
Greater Roadrunner	03850					
Great Horned Owl	03750					
Elf Owl	03810					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
White-throated Swift	04250					
Lucifer Hummingbird	04370					
Blk-chin Hummingbird	04290					
Ladder-back Woodpkr	03960					
unid. Empid Flycatcher	04679					
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540		1		1	
Cassin's Kingbird	04480					
Western Kingbird	04470					
unid. Kingbird	04447					
Loggerhead Shrike	06220					
Bell's Vireo	06330					
Chihuahuan Raven	04870					
Common Raven	04860					
Violet-Green Swallow	06150					
N Rgh-wing Swallow	06170					
Cliff Swallow	06120					
Barn Swallow	06130					
Verdin	07460					
Cactus Wren	07130	1	3		1	1
Rock Wren	07150					1
Canyon Wren	07170					
Bewick's Wren	07190				1	
VEHICLES						1
Excessive Noise:		○	○	○	○	○

Species	AOU	Stops 31	32	33	34	35
Blue-gry Gnatcatcher	07510					
Blk-tail Gnatcatcher	07520					
Northern Mockingbird	07030	1	1		1	1
Curve-billed Thrasher	07070				2	
Crissal Thrasher	07120					
Yellow-breasted Chat	06830					
Summer Tanager	06100					
Canyon Towhee	05910		2			
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800	1	1			
Chipping Sparrow	05600					
Lark Sparrow	05520					
Blk-throated Sparrow	05730	3			4	2
Lark Bunting	06050					
Northern Cardinal	05930					
Pyrrhuloxia	05940	1		1		4
Blk-headed Grosbeak	05960					
Blue Grosbeak	05970		2		1	
Varied Bunting	06000					
Painted Bunting	06010					
Eastern Meadowlark	05010					
Western Meadowlark	05011					
Bronzed Cowbird	04960					
Brn-headed Cowbird	04950					
Scott's Oriole	05040				1	
House Finch	05190					
Lesser Goldfinch	05300					
House Sparrow	06882					
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Check box if non-breeder.

1518018374

Country Code	Route Number	Route Name	Year
840	83082	HOTSPRINGS	2008

Temp | Wind | Sky

Mileage/time(optional):

Species	AOU	Stops 36	37	38	39	40
Scaled Quail	02930	1				
Turkey Vulture	03250					
Swainson's Hawk	03420					
Red-tailed Hawk	03370					
Killdeer	02730					
Eur Collared-Dove	22860					
White-winged Dove	03190					
Mourning Dove	03160					
Greater Roadrunner	03850					
Great Horned Owl	03750					
Elf Owl	03810					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
White-throated Swift	04250					
Lucifer Hummingbird	04370					
Blk-chin Hummingbird	04290					
Ladder-back Woodpkr	03960					
unid. Empid Flycatcher	04679					
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540					
Cassin's Kingbird	04480					
Western Kingbird	04470					
unid. Kingbird	04447					
Loggerhead Shrike	06220					
Bell's Vireo	06330					
Chihuahuan Raven	04870					
Common Raven	04860					
Violet-Green Swallow	06150					
N Rgh-wing Swallow	06170					
Cliff Swallow	06120					
Barn Swallow	06130					
Verdin	07460			1		
Cactus Wren	07130	2	1			1
Rock Wren	07150					
Canyon Wren	07170					
Bewick's Wren	07190					

Species	AOU	Stops 36	37	38	39	40
Blue-gry Gnatcatcher	07510					
Blk-tail Gnatcatcher	07520			1		
Northern Mockingbird	07030	3	1			
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Yellow-breasted Chat	06830					
Summer Tanager	06100					
Canyon Towhee	05910	1	2			
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800		2		1	
Chipping Sparrow	05600					
Lark Sparrow	05520					
Blk-throated Sparrow	05730				2	2
Lark Bunting	06050					
Northern Cardinal	05930					
Pyrrhuloxia	05940	1	1			
Blk-headed Grosbeak	05960					
Blue Grosbeak	05970					
Varied Bunting	06000					
Painted Bunting	06010					
Eastern Meadowlark	05010					
Western Meadowlark	05011					
Bronzed Cowbird	04960					
Brn-headed Cowbird	04950			2		
Scott's Oriole	05040					
House Finch	05190					
Lesser Goldfinch	05300					
House Sparrow	06882					
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		36	37	38	39	40
VEHICLES			2	1	1	
Excessive Noise:		○	○	○	○	○

Check box if non-breeder.

2038018372

Country Code	Route Number	Route Name	Year
840	83082	HOTSPRINGS	2008

Temp Wind Sky: 60 | 0 | 2

Mileage/time (optional):

End Time: 1030 (required) Temp Wind Sky: 60 | 0 | 2

Species	AOU	Stops 46	47	48	49	50
Scaled Quail	02930	1	3			
Turkey Vulture	03250					
Swainson's Hawk	03420		1			
Red-tailed Hawk	03370					
Killdeer	02730					
Eur Collared-Dove	22860					
White-winged Dove	03190					
Mourning Dove	03160				1	
Greater Roadrunner	03850					
Great Horned Owl	03750					
Elf Owl	03810					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
White-throated Swift	04250					
Lucifer Hummingbird	04370					
Blk-chin Hummingbird	04290					
Ladder-back Woodpkr	03960					
unid. Empid Flycatcher	04679					
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540	2				
Cassin's Kingbird	04480					
Western Kingbird	04470		2			
unid. Kingbird	04447					
Loggerhead Shrike	06220					
Bell's Vireo	06330				1	1
Chihuahuan Raven	04870					
Common Raven	04860	3	2	1	1	
Violet-Green Swallow	06150					
N Rgh-wing Swallow	06170					
Cliff Swallow	06120					
Barn Swallow	06130					
Verdin	07460				1	
Cactus Wren	07130			2		1
Rock Wren	07150					
Canyon Wren	07170					
Bewick's Wren	07190					
3089 VEHICLES					1	
Excessive Noise:		○	○	○	○	○

Species	AOU	Stops 46	47	48	49	50
Blue-gry Gnatcatcher	07510					
Blk-tail Gnatcatcher	07520			1		1
Northern Mockingbird	07030			1		
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Yellow-breasted Chat	06830				1	
Summer Tanager	06100					
Canyon Towhee	05910					
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800					
Chipping Sparrow	05600					
Lark Sparrow	05520					
Blk-throated Sparrow	05730	7	4	4		2
Lark Bunting	06050					
Northern Cardinal	05930					
Pyrrhuloxia	05940		2	3		
Blk-headed Grosbeak	05960					
Blue Grosbeak	05970	1		1	1	
Varied Bunting	06000					
Painted Bunting	06010					
Eastern Meadowlark	05010					
Western Meadowlark	05011					
Bronzed Cowbird	04960					
Brn-headed Cowbird	04950					
Scott's Oriole	05040		2	1	1	2
House Finch	05190					
Lesser Goldfinch	05300					
House Sparrow	06882					
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Check box if non-breeder.

1888018374

Country Code	Route Number	RouteName	Year
840	83082	HOTSPRINGS	2008

Temp	Wind	Sky
55	1	8

Mileage/time(optional):

Species	AOU	Stops 41	42	43	44	45
Scaled Quail	02930				1	
Turkey Vulture	03250					
Swainson's Hawk	03420					
Red-tailed Hawk	03370					
Killdeer	02730					
Eur Collared-Dove	22860					
White-winged Dove	03190					
Mourning Dove	03160					
Greater Roadrunner	03850					
Great Horned Owl	03750					
Elf Owl	03810					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
White-throated Swift	04250					
Lucifer Hummingbird	04370					
Blk-chin Hummingbird	04290	1				
Ladder-back Woodpkr	03960				2	
unid. Empid Flycatcher	04679					
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540	1				
Cassin's Kingbird	04480					
Western Kingbird	04470					
unid. Kingbird	04447					
Loggerhead Shrike	06220					
Bell's Vireo	06330					2
Chihuahuan Raven	04870					
Common Raven	04860					
Violet-Green Swallow	06150					
N Rgh-wing Swallow	06170					
Cliff Swallow	06120					
Barn Swallow	06130					
Verdin	07460					
Cactus Wren	07130				2	
Rock Wren	07150					
Canyon Wren	07170					
Bewick's Wren	07190		1	1		
VEHICLES					1	

Species	AOU	Stops 41	42	43	44	45
Blue-gry Gnatcatcher	07510					
Blk-tail Gnatcatcher	07520		1			
Northern Mockingbird	07030				3	1
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Yellow-breasted Chat	06830					
Summer Tanager	06100					
Canyon Towhee	05910				2	
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800	1	1	1		
Chipping Sparrow	05600					
Lark Sparrow	05520					
Blk-throated Sparrow	05730	3	2	4	5	1
Lark Bunting	06050					
Northern Cardinal	05930					
Pyrrhuloxia	05940				1	2
Blk-headed Grosbeak	05960					
Blue Grosbeak	05970		1			
Varied Bunting	06000					
Painted Bunting	06010					
Eastern Meadowlark	05010					
Western Meadowlark	05011					
Bronzed Cowbird	04960					
Brn-headed Cowbird	04950					
Scott's Oriole	05040	1			1	
House Finch	05190					
Lesser Goldfinch	05300					
House Sparrow	06882					
NBr ☐						
☐						
☐						
☐						
☐						
☐						
☐						
☐						
☐						

Excessive Noise: ○ ○ ○ ○ ○

Check box if non-breeder.

3089

101

SCAN FORM
Page 11

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):	05/18/2008	
Start Time(hh:mm) (hh:mm) & Status:	06 : 24	Actual
End Time(hh:mm) (hh:mm) & Status:	10 : 35	Actual
Start Temp & Status:	45 °F	Actual
End Temp & Status:	80	Actual
Start Wind & Status:	Smoke rises vertically (<1 mph, <2 Kph)	Actual
End Wind & Status:	Smoke rises vertically (<1 mph, <2 Kph)	Actual
Start Sky & Status:	Clear or few clouds	Actual
End Sky & Status:	Clear or few clouds	Actual

10 Stop Totals

AOU-Species	1-10	11-20	21-30	31-40	41-50	Total Ind.	Total Stops
Scaled Quail	1	7	0	0	0	8	5
Turkey Vulture	9	1	0	0	1	11	4
Cooper's Hawk	0	0	1	0	0	1	1
White-winged Dove	12	0	1	0	0	13	7
Mourning Dove	0	0	1	1	5	7	4
Greater Roadrunner	2	2	0	0	0	4	4
Lesser Nighthawk	0	0	2	0	0	2	1
Common Poorwill	1	0	0	0	0	1	1
Ladder-backed Woodpecker	2	0	1	0	1	4	4
Say's Phoebe	1	0	0	2	0	3	3
Ash-throated Flycatcher	2	1	3	3	1	10	9
Cassin's Kingbird	0	0	0	6	0	6	3
Western Kingbird	0	0	0	1	0	1	1
Loggerhead Shrike	0	0	1	0	0	1	1
Bell's Vireo	0	2	3	5	3	13	8
Black-capped Vireo	1	0	0	0	0	1	1
Gray Vireo	0	1	0	0	0	1	1
Mexican Jay	6	0	0	0	0	6	3
Chihuahuan Raven	0	0	0	2	0	2	1
Common Raven	0	2	2	1	1	6	5
Cliff Swallow	0	0	1	8	0	9	2
Black-crested Titmouse	3	0	0	0	0	3	2
Verdin	0	3	6	1	2	12	10
Cactus Wren	5	18	8	1	8	40	26
Canyon Wren	9	0	0	0	0	9	5
Bewick's Wren	4	3	0	0	0	7	5
House Wren	0	1	0	0	0	1	1
Blue-gray Gnatcatcher	8	0	0	0	0	8	5
Black-tailed Gnatcatcher	0	3	2	1	5	11	10
Hermit Thrush	1	0	0	0	0	1	1
Northern Mockingbird	11	7	8	5	12	43	28

Curve-billed Thrasher0		1	0	0	0	1	1
Crissal Thrasher	1	0	0	0	0	1	1
Wilson's Warbler	0	1	0	0	0	1	1
Western Tanager	0	1	0	0	0	1	1
Spotted Towhee	10	0	0	0	0	10	6
Canyon Towhee	2	1	0	0	0	3	2
Cassin's Sparrow	0	0	0	4	1	5	3
Rufous-crowned Sparrow	15	6	0	0	0	21	9
Black-chinned Sparrow	11	0	0	0	0	11	2
Black-throated Sparrow	0	30	29	29	22	110	35
Pyrrhuloxia	0	9	7	6	1	23	15
Black-headed Grosbeak	5	1	0	0	0	6	3
Blue Grosbeak	3	5	2	2	0	12	11
Varied Bunting	3	1	0	1	0	5	4
Painted Bunting	0	0	0	1	0	1	1
Brown-headed Cowbird	0	0	2	4	4	10	5
Scott's Oriole	7	2	4	3	3	19	17
House Finch	0	0	5	5	7	17	10
Total Species:49	**Total Ind:502**						
Vehicles	4	3	3	10	5	25	17
Noise	0	0	0	0	0	0	0

Print Field Sheet and Stops Data

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):	05/18/2008	
Start Time(hh:mm) (hh:mm) & Status:	06 : 24 Actual	
End Time(hh:mm) (hh:mm) & Status:	10 : 35 Actual	
Start Temp & Status:	45 °F Actual	
End Temp & Status:	80 Actual	
Start Wind & Status:	Smoke rises vertically (<1 mph, <2 Kph)	Actual
End Wind & Status:	Smoke rises vertically (<1 mph, <2 Kph)	Actual
Start Sky & Status:	Clear or few clouds	Actual
End Sky & Status:	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? (2009) ?	Yes
In the text box below please indicate why you will not be surveying this route next year and, if possible please provide the name and contact information of a potential replacement.	
who will replace?	
3. Did you complete the route?	Yes
Indicate how many stops were sampled?	0
4. If present, were vehicles recorded?	Yes
5. Did someone accompany AND assist with the route?	Yes
	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.	7 0

Address Corrections

Is your mailing address, telephone, and e-mail information correct? ○ Yes ● No

If no, provide the correct information below. If you survey multiple routes, you need only update this information once.

Last Name:	FLIPPO	**First Name:**	MARK
MI:	R	**NickName :**	
Address Line1:	PO BOX 123	**Address Line2:**	
City	BIG BEND NP	**State/Prov/Terr:**	Texas #83
Zip / Postal Code:	79834	**Country:**	United States
Phone (Day):	432- 477- 2210	**Phone (Evening):**	
Ext:		**Ext:**	
Email 1:	MARK_R_FLIPPO@NPS.GOV	**Email 2:**	

Field Sheet - Stops Data

AOU-Species	1	2	3	4	5	Non-Breeder
03250-Turkey Vulture					6	No
03190-White-winged Dove	3		1			No
04180-Common Poorwill	1					No
04570-Say's Phoebe	1					No
04540-Ash-throated Flycatcher	2					No
06300-Black-capped Vireo				1		No
07320-Black-crested Titmouse					1	No
07170-Canyon Wren					3	No
07190-Bewick's Wren				1		No
07510-Blue-gray Gnatcatcher		2	2	1	1	No
07590-Hermit Thrush	1					Yes
07030-Northern Mockingbird	1		3	3		No
05880-Spotted Towhee	2	1			1	No
05910-Canyon Towhee				2		No
05800-Rufous-crowned Sparrow	1	2	4			No
05650-Black-chinned Sparrow		6		5		No
05960-Black-headed Grosbeak					2	No
06000-Varied Bunting		1				No
05040-Scott's Oriole		1		1	1	No
Number of Vehicles	"	"	"	1"	"	

Excessive Noise

AOU-Species	6	7	8	9	10	Non-Breeder
02930-Scaled Quail					1	No
03250-Turkey Vulture		3				No
03190-White-winged Dove		2	2	3	1	No
03850-Greater Roadrunner		1		1		No
03960-Ladder-backed Woodpecker			1	1		No
04820-Mexican Jay	1	4		1		No
07320-Black-crested Titmouse	2					No
07130-Cactus Wren		1	2	1	1	No
07170-Canyon Wren	3	1		1	1	No
07190-Bewick's Wren	2		1			No
07510-Blue-gray Gnatcatcher	2					No
07030-Northern Mockingbird			1	1	2	No
07120-Crissal Thrasher			1			No
05880-Spotted Towhee	2	3			1	No
05800-Rufous-crowned Sparrow		3	2	3		No
05960-Black-headed Grosbeak		3				No
05970-Blue Grosbeak		2			1	No
06000-Varied Bunting				2		No
05040-Scott's Oriole		1	1	1	1	No
Number of Vehicles			1		2	

Excessive Noise

AOU-Species	11	12	13	14	15	Non-Breeder
02930-Scaled Quail		1				No
03850-Greater Roadrunner				1		No
06340-Gray Vireo				1		No
07460-Verdin			1			No
07130-Cactus Wren	3	1	1	2		No
07190-Bewick's Wren	2				1	No
07210-House Wren					1	Yes
07520-Black-tailed Gnatcatcher					2	No

07030-Northern Mockingbird	2	1	1			No
05910-Canyon Towhee				1		No
05800-Rufous-crowned Sparrow	1	3	2			No
05730-Black-throated Sparrow		4	3	4	6	No
05940-Pyrrhuloxia	2			4		No
05960-Black-headed Grosbeak	1					No
05970-Blue Grosbeak	1				1	No
06000-Varied Bunting	1					No
Number of Vehicles	2					
Excessive Noise						

AOU-Species	16	17	18	19	20	Non-Breeder
02930-Scaled Quail	4	1		1		No
03250-Turkey Vulture					1	No
03850-Greater Roadrunner	1					No
04540-Ash-throated Flycatcher				1		No
06330-Bell's Vireo			2			No
04860-Common Raven	1		1			No
07460-Verdin			2			No
07130-Cactus Wren	3	2	2	2	2	No
07520-Black-tailed Gnatcatcher					1	No
07030-Northern Mockingbird				1	2	No
07070-Curve-billed Thrasher		1				No
06850-Wilson's Warbler			1			Yes
06070-Western Tanager				1		Yes
05730-Black-throated Sparrow	3	2		4	4	No
05940-Pyrrhuloxia		2		1		No
05970-Blue Grosbeak	1	1	1			No
05040-Scott's Oriole	1	1				No
Number of Vehicles					1	
Excessive Noise						

AOU-Species	21	22	23	24	25	Non-Breeder
03190-White-winged Dove			1			No
04210-Lesser Nighthawk					2	No
03960-Ladder-backed Woodpecker			1			No
06220-Loggerhead Shrike				1		No
06330-Bell's Vireo			3			No
04860-Common Raven	2					No
07460-Verdin	1	1		1	1	No
07130-Cactus Wren		1	3	1		No
07520-Black-tailed Gnatcatcher	1			1		No
07030-Northern Mockingbird	1	2		1	3	No
05730-Black-throated Sparrow	3	1	2	3	4	No
05940-Pyrrhuloxia	1	1	1	1		No
05970-Blue Grosbeak	1	1				No
04950-Brown-headed Cowbird			2			No
	1					No

05040-Scott's Oriole

Number of Vehicles					1	
Excessive Noise						
AOU-Species	26	27	28	29	30	Non-Breeder
03330-Cooper's Hawk		1				Yes
03160-Mourning Dove				1		No
04540-Ash-throated Flycatcher	1	1			1	No
06120-Cliff Swallow				1		No
07460-Verdin			2			No
07130-Cactus Wren	1	1		1		No
07030-Northern Mockingbird	1					No
05730-Black-throated Sparrow	4	1	4	5	2	No
05940-Pyrrhuloxia			1	1	1	No
05040-Scott's Oriole	1				2	No
05190-House Finch		2	1		2	No
Number of Vehicles				2		
Excessive Noise						
AOU-Species	31	32	33	34	35	Non-Breeder
03160-Mourning Dove			1			No
04570-Say's Phoebe	1				1	No
04540-Ash-throated Flycatcher	1					No
04480-Cassin's Kingbird					4	No
04470-Western Kingbird	1					No
06120-Cliff Swallow	8					No
07030-Northern Mockingbird				1	1	No
05780-Cassin's Sparrow			3		1	No
05730-Black-throated Sparrow	5	3	2	2	2	No
05940-Pyrrhuloxia	3					No
05970-Blue Grosbeak				1		No
04950-Brown-headed Cowbird	2					No
05040-Scott's Oriole	1			1		No
05190-House Finch	3					No
Number of Vehicles	1	2			1	
Excessive Noise						
AOU-Species	36	37	38	39	40	Non-Breeder
04540-Ash-throated Flycatcher	1	1				No
04480-Cassin's Kingbird		1		1		No
06330-Bell's Vireo		1	1	2	1	No
04870-Chihuahuan Raven					2	No
04860-Common Raven					1	No
07460-Verdin				1		No
07130-Cactus Wren				1		No
07520-Black-tailed Gnatcatcher			1			No
07030-Northern Mockingbird			1	1	1	No
05730-Black-throated Sparrow		6	2	1	6	No
05940-Pyrrhuloxia	1		2			No
05970-Blue Grosbeak	1					No
06000-Varied Bunting					1	No
06010-Painted Bunting	1					No
04950-Brown-headed Cowbird				2		No
05040-Scott's Oriole				1		No
05190-House Finch		2				No
Number of Vehicles	1	2	1		2	
Excessive Noise						
AOU-Species	41	42	43	44	45	Non-Breeder
03250-Turkey Vulture		1				No
03160-Mourning Dove					2	No
03960-Ladder-backed Woodpecker				1		No

06330-Bell's Vireo			1			No
04860-Common Raven		1				No
07460-Verdin	1					No
07130-Cactus Wren		1	1	1		No
07520-Black-tailed Gnatcatcher				1		No
07030-Northern Mockingbird	2		2	1	2	No
05780-Cassin's Sparrow	1					No
05730-Black-throated Sparrow	5	2	3	3		No
04950-Brown-headed Cowbird			3	1		No
05040-Scott's Oriole				2		No
05190-House Finch				1		No
Number of Vehicles					1	
Excessive Noise						

AOU-Species	46	47	48	49	50	Non-Breeder
03160-Mourning Dove		3				No
04540-Ash-throated Flycatcher	1					No
06330-Bell's Vireo	2					No
07460-Verdin		1				No
07130-Cactus Wren	2		2	1		No
07520-Black-tailed Gnatcatcher	1	1	1		1	No
07030-Northern Mockingbird		1	2		2	No
05730-Black-throated Sparrow	2	4		2	1	No
05940-Pyrrhuloxia	1					No
05040-Scott's Oriole	1					No
05190-House Finch	2	1		2	1	No
Number of Vehicles		2		2		
Excessive Noise						

Comments

General Comments, Suggestions, Questions or Stories from the field : (Max. 255 char)

Incomplete Route or Route Problem Comments : (Max. 500 char)

Route Vacancy and Observer Replacement Comments : (Max. 500 char)

Comments to Document Rare, Migrant, and Nonbreeding Species : (Max. 500 char)

House wren and western tanager are fairly common migrants. Hermit thrush and Wilson's warbler are common migrants. Cooper's hawk is a fairly common migrant and a very rare breeding bird. The individual observed on the route was an immature bird and out of breeding habitat.

2527018375

2008 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 CHISOSBASIN

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 / 2008

2. Start time (hh:mm): 06:24 End time: 10:35

3. Start temp: 045 End temp: 80 ○ 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

	Y	N
6. Were these data submitted via the Internet?	●	○
7. Do you intend to survey the route next year?	●	○
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?	●	○
8a. If no to 8, indicate how many stops were sampled (0-49).		
9. Were number of passing vehicles recorded during count?	●	○
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?	○	○
11. Does your name appear in the assigned observer box below? If no, please complete page 2.	●	○
12. Is your contact information below correct? If no, please provide correct information on reverse side.	○	○
13. Were you paid or otherwise compensated by your **employer** to survey this route?	●	○

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
0	● ○	○ ○
1	○ ○	○ ○
2	○ ○	○ ○
3	○ ○	○ ○
4	○ ○	○ ○
5	○ ○	○ ○
6	○ ○	○ ○
7	○ ●	○ ○
8	○ ○	○ ○
9	○ ○	○ ○

Contact Information Corrections:

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

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

/ -

MARK_R_FLIPPO@NPS.GOV

Birth(MMDD):

Assigned BBS observer:

MARK R FLIPPO

PO BOX 123

BIG BEND NP TX 79834

United States

Office use only 2008

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 101 3203

SCAN FORM Page 1

0719018376 f you sample multiple routes, you need update your address on only one set of forms.

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!

6053018373

Official Start Time: 0624
Actual Start Time: 0624
(required) Temp Wind Sky: 45 0 0

Country Code: 840 | Route name: CHISOSBASIN | Route Number: 83900

Date (mm/dd/yyyy): 05/18/2008

Mileage/time(optional):

Observer's Name: MARK FLIPPO

Species	AOU	Stops 1	2	3	4	5
Scaled Quail	02930					
Turkey Vulture	03250					6
Swainson's Hawk	03420					
Red-tailed Hawk	03370					
White-winged Dove	03190	3		1		
Mourning Dove	03160					
Greater Roadrunner	03850					
Great Horned Owl	03750					
Burrowing Owl	03780					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
Common Poorwill	04180	1				
Whip-poor-will	04170					
White-throated Swift	04250					
Blk-chin Hummingbird	04290					
Brd-tail Hummingbird	04320					
Acorn Woodpecker	04070					
Ladder-back Woodpkr	03960					
Western Wood-Pewee	04620					
Say's Phoebe	04570	1				
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540	2				
Western Kingbird	04470					
Loggerhead Shrike	06220					
Bell's Vireo	06330					
Black-capped Vireo	06300				1	
Hutton's Vireo	06320					
Mexican Jay	04820					
Common Raven	04860					
Cliff Swallow	06120					
Barn Swallow	06130					
Blk-crested Titmouse	07320					1
Verdin	07460					
Bushtit	07430					
Cactus Wren	07130					
Rock Wren	07150					
Canyon Wren	07170					3
3203 VEHICLES					1	
Excessive Noise:		○	○	○	○	○

Species	AOU	Stops 1	2	3	4	5
Bewick's Wren	07190				1	
Blue-gry Gnatcatcher	07510		2	2	1	1
Blk-tail Gnatcatcher	07520					
Northern Mockingbird	07030	1		3	3	
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Phainopepla	06200					
Yellow-breasted Chat	06830					
Hepatic Tanager	06090					
Summer Tanager	06100					
Spotted Towhee	05880	2	1			1
Canyon Towhee	05910				2	
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800	1	2	4		
Blk-chinned Sparrow	05650		6		5	
Blk-throated Sparrow	05730					
Lark Bunting	06050					
Northern Cardinal	05930					
Pyrrhuloxia	05940					
Blk-headed Grosbeak	05960					2
Blue Grosbeak	05970					
Varied Bunting	06000		1			
Painted Bunting	06010					
Eastern Meadowlark	05010					
Western Meadowlark	05011					
Brn-headed Cowbird	04950					
Scott's Oriole	05040		1		1	1
House Finch	05190					
NBr ☒ hermit thrush		1				
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Check box if non-breeder.

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SCAN FORM
Page 3

5232018371

Country Code	Route Number	RouteName	Year
840	83900	CHISOSBASIN	2008

Temp | Wind | Sky

Mileage/time(optional):

Species	AOU	Stops 6	7	8	9	10	Species	AOU	Stops 6	7	8	9	10
Scaled Quail	02930					1	Bewick's Wren	07190	2		1		
Turkey Vulture	03250		3				Blue-gry Gnatcatcher	07510	2				
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030			1	1	2
White-winged Dove	03190		2	2	3	1	Curve-billed Thrasher	07070					
Mourning Dove	03160						Crissal Thrasher	07120			1		
Greater Roadrunner	03850		1		1		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	2	3			1
Common Poorwill	04180						Canyon Towhee	05910					
Whip-poor-will	04170						Cassin's Sparrow	05780					
White-throated Swift	04250						Ruf-crowned Sparrow	05800		3	2	3	
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Brd-tail Hummingbird	04320						Blk-throated Sparrow	05730					
Acorn Woodpecker	04070						Lark Bunting	06050					
Ladder-back Woodpkr	03960			1	1		Northern Cardinal	05930					
Western Wood-Pewee	04620						Pyrrhuloxia	05940					
Say's Phoebe	04570						Blk-headed Grosbeak	05960		3			
Vermilion Flycatcher	04710						Blue Grosbeak	05970		2			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						Western Meadowlark	05011					
Black-capped Vireo	06300						Brn-headed Cowbird	04950					
Hutton's Vireo	06320						Scott's Oriole	05040		1	1	1	1
Mexican Jay	04820	1	4		1		House Finch	05190					
Common Raven	04860						NBr ☐						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Blk-crested Titmouse	07320	2					☐						
Verdin	07460						☐						
Bushtit	07430						☐						
Cactus Wren	07130		1	2	1	1	☐						
Rock Wren	07150						☐						
Canyon Wren	07170	3	1		1	1	☐						
							☐						
VEHICLES				1		2	Check box if non-breeder.						
Excessive Noise:		○	○	○	○	○							

7198018374

Country Code	Route Number	Route Name	Year
840	83900	CHISOSBASIN	2008

Temp Wind Sky: 55 | 0 | 0

Mileage/time(optional):

Species	AOU	Stops 11	12	13	14	15
Scaled Quail	02930		1			
Turkey Vulture	03250					
Swainson's Hawk	03420					
Red-tailed Hawk	03370					
White-winged Dove	03190					
Mourning Dove	03160					
Greater Roadrunner	03850				1	
Great Horned Owl	03750					
Burrowing Owl	03780					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
Common Poorwill	04180					
Whip-poor-will	04170					
White-throated Swift	04250					
Blk-chin Hummingbird	04290					
Brd-tail Hummingbird	04320					
Acorn Woodpecker	04070					
Ladder-back Woodpkr	03960					
Western Wood-Pewee	04620					
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540					
Western Kingbird	04470					
Loggerhead Shrike	06220					
Bell's Vireo	06330					
Black-capped Vireo	06300					
Hutton's Vireo	06320					
Mexican Jay	04820					
Common Raven	04860					
Cliff Swallow	06120					
Barn Swallow	06130					
Blk-crested Titmouse	07320					
Verdin	07460			1		
Bushtit	07430					
Cactus Wren	07130	3	1	1	2	
Rock Wren	07150					
Canyon Wren	07170					

Species	AOU	Stops 11	12	13	14	15
Bewick's Wren	07190	2				1
Blue-gry Gnatcatcher	07510					
Blk-tail Gnatcatcher	07520					2
Northern Mockingbird	07030	2	1	1		
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Phainopepla	06200					
Yellow-breasted Chat	06830					
Hepatic Tanager	06090					
Summer Tanager	06100					
Spotted Towhee	05880					
Canyon Towhee	05910				1	
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800	1	3	2		
Blk-chinned Sparrow	05650					
Blk-throated Sparrow	05730		4	3	4	6
Lark Bunting	06050					
Northern Cardinal	05930					
Pyrrhuloxia	05940	2			4	
Blk-headed Grosbeak	05960	1				
Blue Grosbeak	05970	1				1
Varied Bunting	06000	1				
Painted Bunting	06010					
Eastern Meadowlark	05010					
Western Meadowlark	05011					
Brn-headed Cowbird	04950					
Scott's Oriole	05040					
House Finch	05190					
NBr ☐ Gray vireo					1	
☒ House wren						1
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VEHICLES	2					
Excessive Noise:	○	○	○	○	○	

3203

Check box if non-breeder.

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SCAN FORM Page 5

2360018370

Country Code	Route Number	RouteName	Year
840	83900	CHISOSBASIN	2008

Temp Wind Sky

Mileage/time(optional):

Species	AOU	Stops 16	17	18	19	20
Scaled Quail	02930	4	1		1	
Turkey Vulture	03250					1
Swainson's Hawk	03420					
Red-tailed Hawk	03370					
White-winged Dove	03190					
Mourning Dove	03160					
Greater Roadrunner	03850	1				
Great Horned Owl	03750					
Burrowing Owl	03780					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
Common Poorwill	04180					
Whip-poor-will	04170					
White-throated Swift	04250					
Blk-chin Hummingbird	04290					
Brd-tail Hummingbird	04320					
Acorn Woodpecker	04070					
Ladder-back Woodpkr	03960					
Western Wood-Pewee	04620					
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540				1	
Western Kingbird	04470					
Loggerhead Shrike	06220					
Bell's Vireo	06330			2		
Black-capped Vireo	06300					
Hutton's Vireo	06320					
Mexican Jay	04820					
Common Raven	04860	1		1		
Cliff Swallow	06120					
Barn Swallow	06130					
Blk-crested Titmouse	07320					
Verdin	07460			2		
Bushtit	07430					
Cactus Wren	07130	3	2	2	2	2
Rock Wren	07150					
Canyon Wren	07170					

Species	AOU	Stops 16	17	18	19	20
Bewick's Wren	07190					
Blue-gry Gnatcatcher	07510					
Blk-tail Gnatcatcher	07520					1
Northern Mockingbird	07030				1	2
Curve-billed Thrasher	07070		1			
Crissal Thrasher	07120					
Phainopepla	06200					
Yellow-breasted Chat	06830					
Hepatic Tanager	06090					
Summer Tanager	06100					
Spotted Towhee	05880					
Canyon Towhee	05910					
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800					
Blk-chinned Sparrow	05650					
Blk-throated Sparrow	05730	3	2		4	4
Lark Bunting	06050					
Northern Cardinal	05930					
Pyrrhuloxia	05940		2		1	
Blk-headed Grosbeak	05960					
Blue Grosbeak	05970	1	1	1		
Varied Bunting	06000					
Painted Bunting	06010					
Eastern Meadowlark	05010					
Western Meadowlark	05011					
Brn-headed Cowbird	04950					
Scott's Oriole	05040	1	1			
House Finch	05190					
NBr ☒ wilson's warbler				1		
☒ western tanager					1	
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3203 VEHICLES						1
Excessive Noise:	○	○	○	○	○	

Check box if non-breeder.

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SCAN FORM Page 6

4761018377

Country Code	Route Number	Route Name	Year
840	83900	CHISOSBASIN	2008

Temp Wind Sky: 60 | 0 | 0

Mileage/time(optional):

Species	AOU	Stops 21	22	23	24	25	Species	AOU	Stops 21	22	23	24	25
Scaled Quail	02930						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	2		1	3
White-winged Dove	03190			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					
Lesser Nighthawk	04210					2	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	3	1	2	3	4
Acorn Woodpecker	04070						Lark Bunting	06050					
Ladder-back Woodpkr	03960			1			Northern Cardinal	05930					
Western Wood-Pewee	04620						Pyrrhuloxia	05940	1	1	1	1	
Say's Phoebe	04570						Blk-headed Grosbeak	05960					
Vermilion Flycatcher	04710						Blue Grosbeak	05970	1	1			
Ash-throat Flycatcher	04540						Varied Bunting	06000					
Western Kingbird	04470						Painted Bunting	06010					
Loggerhead Shrike	06220				1		Eastern Meadowlark	05010					
Bell's Vireo	06330			3			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					
Common Raven	04860	2					NBr ☐						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Blk-crested Titmouse	07320						☐						
Verdin	07460	1	1		1	1	☐						
Bushtit	07430						☐						
Cactus Wren	07130		1	3	1		☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
3203 VEHICLES						1	Check box if non-breeder.						
Excessive Noise:		○	○	○	○	○							

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SCAN FORM
Page 7

2773018378

Country Code	Route Number	Route Name	Year
840	83900	CHISOSBASIN	2008

Temp | Wind | Sky

Mileage/time(optional):

Species	AOU	Stops 26	27	28	29	30
Scaled Quail	02930					
Turkey Vulture	03250					
Swainson's Hawk	03420					
Red-tailed Hawk	03370					
White-winged Dove	03190					
Mourning Dove	03160				1	
Greater Roadrunner	03850					
Great Horned Owl	03750					
Burrowing Owl	03780					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
Common Poorwill	04180					
Whip-poor-will	04170					
White-throated Swift	04250					
Blk-chin Hummingbird	04290					
Brd-tail Hummingbird	04320					
Acorn Woodpecker	04070					
Ladder-back Woodpkr	03960					
Western Wood-Pewee	04620					
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540	1	1			1
Western Kingbird	04470					
Loggerhead Shrike	06220					
Bell's Vireo	06330					
Black-capped Vireo	06300					
Hutton's Vireo	06320					
Mexican Jay	04820					
Common Raven	04860					
Cliff Swallow	06120				1	
Barn Swallow	06130					
Blk-crested Titmouse	07320					
Verdin	07460			2		
Bushtit	07430					
Cactus Wren	07130	1	1			1
Rock Wren	07150					
Canyon Wren	07170					
3203 VEHICLES					2	
Excessive Noise:		○	○	○	○	○

Species	AOU	Stops 26	27	28	29	30
Bewick's Wren	07190					
Blue-gry Gnatcatcher	07510					
Blk-tail Gnatcatcher	07520					
Northern Mockingbird	07030	1				
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Phainopepla	06200					
Yellow-breasted Chat	06830					
Hepatic Tanager	06090					
Summer Tanager	06100					
Spotted Towhee	05880					
Canyon Towhee	05910					
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800					
Blk-chinned Sparrow	05650					
Blk-throated Sparrow	05730	4	1	4	5	2
Lark Bunting	06050					
Northern Cardinal	05930					
Pyrrhuloxia	05940			1	1	1
Blk-headed Grosbeak	05960					
Blue Grosbeak	05970					
Varied Bunting	06000					
Painted Bunting	06010					
Eastern Meadowlark	05010					
Western Meadowlark	05011					
Brn-headed Cowbird	04950					
Scott's Oriole	05040	1				2
House Finch	05190		2	1		2
NBr ☒ Cooper's hawk			1			
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Check box if non-breeder.

SCAN FORM
Page 8

2391018374

Country Code	Route Number	Route Name	Year
840	83900	CHISOSBASIN	2008

Temp Wind Sky: 65 | 0 | 0

Mileage/time(optional):

Species	AOU	Stops 31	32	33	34	35	Species	AOU	Stops 31	32	33	34	35
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
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			3		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	5	3	2	2	2
Acorn Woodpecker	04070						Lark Bunting	06050					
Ladder-back Woodpkr	03960						Northern Cardinal	05930					
Western Wood-Pewee	04620						Pyrrhuloxia	05940	3				
Say's Phoebe	04570	1				1	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					
Loggerhead Shrike	06220						Eastern Meadowlark	05010					
Bell's Vireo	06330						Western Meadowlark	05011					
Black-capped Vireo	06300						Brn-headed Cowbird	04950	2				
Hutton's Vireo	06320						Scott's Oriole	05040	1			1	
Mexican Jay	04820						House Finch	05190	3				
Common Raven	04860						NBr ☐ Cassin's Kingbird						4
Cliff Swallow	06120	8					☐						
Barn Swallow	06130						☐						
Blk-crested Titmouse	07320						☐						
Verdin	07460						☐						
Bushtit	07430						☐						
Cactus Wren	07130						☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
3203 VEHICLES		1	2			1	Check box if non-breeder.	101					
Excessive Noise:		○	○	○	○	○							

SCAN FORM Page 9

1518018374

Country Code	Route Number	Route Name	Year
840	83900	CHISOSBASIN	2008

Temp | Wind | Sky

Mileage/time(optional):

Species	AOU	Stops 36	37	38	39	40
Scaled Quail	02930					
Turkey Vulture	03250					
Swainson's Hawk	03420					
Red-tailed Hawk	03370					
White-winged Dove	03190					
Mourning Dove	03160					
Greater Roadrunner	03850					
Great Horned Owl	03750					
Burrowing Owl	03780					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
Common Poorwill	04180					
Whip-poor-will	04170					
White-throated Swift	04250					
Blk-chin Hummingbird	04290					
Brd-tail Hummingbird	04320					
Acorn Woodpecker	04070					
Ladder-back Woodpkr	03960					
Western Wood-Pewee	04620					
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540	1	1			
Western Kingbird	04470					
Loggerhead Shrike	06220					
Bell's Vireo	06330		1	1	2	1
Black-capped Vireo	06300					
Hutton's Vireo	06320					
Mexican Jay	04820					
Common Raven	04860					1
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					

Species	AOU	Stops 36	37	38	39	40
Bewick's Wren	07190					
Blue-gry Gnatcatcher	07510					
Blk-tail Gnatcatcher	07520			1		
Northern Mockingbird	07030			1	1	1
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Phainopepla	06200					
Yellow-breasted Chat	06830					
Hepatic Tanager	06090					
Summer Tanager	06100					
Spotted Towhee	05880					
Canyon Towhee	05910					
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800					
Blk-chinned Sparrow	05650					
Blk-throated Sparrow	05730		6	2	1	6
Lark Bunting	06050					
Northern Cardinal	05930					
Pyrrhuloxia	05940	1		2		
Blk-headed Grosbeak	05960					
Blue Grosbeak	05970	1				
Varied Bunting	06000					1
Painted Bunting	06010	1				
Eastern Meadowlark	05010					
Western Meadowlark	05011					
Brn-headed Cowbird	04950				2	
Scott's Oriole	05040				1	
House Finch	05190		2			
NBr ☐ Cassin's Kingbird			1		1	
☐ Ch.huachuan Raven						2
☐						
☐						
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3203 VEHICLES	1	2	1		2
Excessive Noise:	○	○	○	○	○

Check box if non-breeder.

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SCAN FORM Page 10

1888018374

Country Code	Route Number	Route Name	Year
840	83900	CHISOSBASIN	2008

Temp Wind Sky: 73 0 0

Mileage/time(optional):

Species	AOU	Stops 41	42	43	44	45	Species	AOU	Stops 41	42	43	44	45
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250		1				Blue-gry Gnatcatcher	07510					
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520				1	
Red-tailed Hawk	03370						Northern Mockingbird	07030	2		2	1	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	5	2	3	3	
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					
Vermilion Flycatcher	04710						Blue Grosbeak	05970					
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			3	1	
Hutton's Vireo	06320						Scott's Oriole	05040				2	
Mexican Jay	04820						House Finch	05190				1	
Common Raven	04860		1				NBr ☐						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Blk-crested Titmouse	07320						☐						
Verdin	07460	1					☐						
Bushtit	07430						☐						
Cactus Wren	07130		1	1	1		☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
3203 VEHICLES						1	Check box if non-breeder.						
Excessive Noise:		○	○	○	○	○							

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SCAN FORM Page 11

2038018372

Country Code	Route Number	Route Name	Year
840	83900	CHISOSBASIN	2008

Temp Wind Sky

Mileage/time (optional):

End Time: 1035 (required) Temp 80 Wind 0 Sky 0

Species	AOU	Stops 46	47	48	49	50
Scaled Quail	02930					
Turkey Vulture	03250					
Swainson's Hawk	03420					
Red-tailed Hawk	03370					
White-winged Dove	03190					
Mourning Dove	03160		3			
Greater Roadrunner	03850					
Great Horned Owl	03750					
Burrowing Owl	03780					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
Common Poorwill	04180					
Whip-poor-will	04170					
White-throated Swift	04250					
Blk-chin Hummingbird	04290					
Brd-tail Hummingbird	04320					
Acorn Woodpecker	04070					
Ladder-back Woodpkr	03960					
Western Wood-Pewee	04620					
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540	1				
Western Kingbird	04470					
Loggerhead Shrike	06220					
Bell's Vireo	06330	2				
Black-capped Vireo	06300					
Hutton's Vireo	06320					
Mexican Jay	04820					
Common Raven	04860					
Cliff Swallow	06120					
Barn Swallow	06130					
Blk-crested Titmouse	07320					
Verdin	07460		1			
Bushtit	07430					
Cactus Wren	07130	2		2	1	
Rock Wren	07150					
Canyon Wren	07170					

Species	AOU	Stops 46	47	48	49	50
Bewick's Wren	07190					
Blue-gry Gnatcatcher	07510					
Blk-tail Gnatcatcher	07520	1	1	1		1
Northern Mockingbird	07030		1	2		2
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Phainopepla	06200					
Yellow-breasted Chat	06830					
Hepatic Tanager	06090					
Summer Tanager	06100					
Spotted Towhee	05880					
Canyon Towhee	05910					
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800					
Blk-chinned Sparrow	05650					
Blk-throated Sparrow	05730	2	4		2	1
Lark Bunting	06050					
Northern Cardinal	05930					
Pyrrhuloxia	05940	1				
Blk-headed Grosbeak	05960					
Blue Grosbeak	05970					
Varied Bunting	06000					
Painted Bunting	06010					
Eastern Meadowlark	05010					
Western Meadowlark	05011					
Brn-headed Cowbird	04950					
Scott's Oriole	05040	1				
House Finch	05190	2	1		2	1
NBr ☐						
☐						
☐						
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☐						
☐						
☐						
☐						
☐						

		Stops 46	47	48	49	50
3203	VEHICLES		2		2	
	Excessive Noise:	○	○	○	○	○

Check box if non-breeder.

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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):	05/19/2008	
Start Time(hh:mm) (hh:mm) & Status:	06 : 24	Actual
End Time(hh:mm) (hh:mm) & Status:	10 : 25	Actual
Start Temp & Status:	56 °F	Actual
End Temp & Status:	83	Actual
Start Wind & Status:	Smoke rises vertically (<1 mph, <2 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:	Clear or few clouds	Actual

10 Stop Totals

AOU-Species	1-10	11-20	21-30	31-40	41-50	Total Ind.	Total Stops
Scaled Quail	0	16	6	5	6	33	17
Turkey Vulture	0	1	0	0	2	3	2
Red-tailed Hawk	0	1	0	0	0	1	1
White-winged Dove	14	0	0	0	0	14	4
Mourning Dove	15	2	1	0	0	18	9
Greater Roadrunner	1	1	0	1	0	3	3
Great Horned Owl	1	0	0	0	0	1	1
Lesser Nighthawk	31	0	0	0	0	31	7
Common Nighthawk	1	0	0	0	0	1	1
Golden-fronted Woodpecker	2	0	0	0	0	2	1
Ladder-backed Woodpecker	0	0	0	2	0	2	2
Say's Phoebe	1	1	0	0	0	2	2
Ash-throated Flycatcher	6	1	0	0	1	8	6
Bell's Vireo	2	0	0	2	5	9	6
Common Raven	1	0	1	0	1	3	3
Verdin	1	4	2	5	8	20	15
Cactus Wren	3	16	7	5	4	35	23
Rock Wren	3	0	0	0	0	3	2
Canyon Wren	3	1	0	0	0	4	4
Bewick's Wren	0	0	1	3	1	5	5
Black-tailed Gnatcatcher	0	2	2	2	4	10	6
Northern Mockingbird	4	12	4	9	7	36	26
Lucy's Warbler	3	0	0	0	0	3	2
Yellow-rumped Warbler	0	0	1	0	0	1	1
Common Yellowthroat	1	0	0	0	0	1	1
Yellow-breasted Chat	13	0	0	0	4	17	6
Summer Tanager	1	0	0	0	0	1	1
Canyon Towhee	0	0	0	3	0	3	2
Rufous-crowned Sparrow	0	0	3	6	0	9	6
Black-throated Sparrow	37	32	28	15	14	126	41
Pyrrhuloxia	5	7	3	5	15	35	22

Blue Grosbeak	0	1	2	3	3	9	9
Varied Bunting	0	0	0	2	0	2	1
Painted Bunting	5	0	0	0	1	6	4
Brown-headed Cowbird	0	0	0	0	6	6	2
Scott's Oriole	2	4	3	1	1	11	11
House Finch	8	1	0	2	0	11	5
Lesser Goldfinch	0	1	0	0	0	1	1
Total Species:38	**Total Ind:486**						
Vehicles	3	0	1	5	6	15	14
Noise	0	0	0	0	0	0	0

Print Field Sheet and Stops Data 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):	05/19/2008	
Start Time(hh:mm) (hh:mm) & Status:	06 : 24 Actual	
End Time(hh:mm) (hh:mm) & Status:	10 : 25 Actual	
Start Temp & Status:	56 °F Actual	
End Temp & Status:	83 Actual	
Start Wind & Status:	Smoke rises vertically (<1 mph, <2 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:	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? (2009) ?	Yes
In the text box below please indicate why you will not be surveying this route next year and, if possible please provide the name and contact information of a potential replacement.	
who will replace?	
3. Did you complete the route?	Yes
Indicate how many stops were sampled?	0
4. If present, were vehicles recorded?	Yes
5. Did someone accompany AND assist with the route?	Yes 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.	7 0

Address Corrections

Is your mailing address, telephone, and e-mail information correct? ○ Yes ● No

If no, provide the correct information below. If you survey multiple routes, you need only update this information once.

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	

Phone (Day): 432- 477- 1110 **(Evening):**
Ext: **Ext:**
Email 1: MARK_R_FLIPPO@NPS.GOV **Email 2:**

Field Sheet - Stops Data

AOU-Species	1	2	3	4	5	Non-Breeder
03190-White-winged Dove	1	4	6	3		No
03160-Mourning Dove		2	3	4	4	No
03850-Greater Roadrunner					1	No
03750-Great Horned Owl	1					No
04210-Lesser Nighthawk	4	10	3	1	6	No
04200-Common Nighthawk	1					No
04100-Golden-fronted Woodpecker				2		No
04540-Ash-throated Flycatcher	1					No
06330-Bell's Vireo				2		No
04860-Common Raven				1		No
07030-Northern Mockingbird			2			No
06430-Lucy's Warbler			1	2		No
06810-Common Yellowthroat	1					No
06830-Yellow-breasted Chat	3	3	4	3		No
06100-Summer Tanager				1		No
05730-Black-throated Sparrow	4	7	4	2	7	No
06010-Painted Bunting	1		2	2		No
Number of Vehicles	"	"	"	"	"	
Excessive Noise						

AOU-Species	6	7	8	9	10	Non-Breeder
03160-Mourning Dove	1	1				No
04210-Lesser Nighthawk	6				1	No
04570-Say's Phoebe			1			No
04540-Ash-throated Flycatcher		2	1	2		No
07460-Verdin		1				No
07130-Cactus Wren			1	1	1	No
07150-Rock Wren			1		2	No
07170-Canyon Wren		1	1	1		No
07030-Northern Mockingbird	1	1				No
05730-Black-throated Sparrow	3	2	3	3	2	No
05940-Pyrrhuloxia	3		1	1		No
05040-Scott's Oriole	1			1		No
05190-House Finch	2			2	4	No
Number of Vehicles		1		1	1	
Excessive Noise						

AOU-Species	11	12	13	14	15	Non-Breeder
02930-Scaled Quail		2	4	2		No
03370-Red-tailed Hawk					1	No
03160-Mourning Dove			1			No
04570-Say's Phoebe				1		No
07460-Verdin				1	1	No
07130-Cactus Wren	3	1	1	1	2	No
07520-Black-tailed Gnatcatcher	2					No
07030-Northern Mockingbird	2		2	1	2	No
05730-Black-throated Sparrow		5	1	2	4	No
05940-Pyrrhuloxia			2	3		No
05970-Blue Grosbeak				1		No

05040-Scott's Oriole	1	1				No
05300-Lesser Goldfinch		1				No
Number of Vehicles						
Excessive Noise						

AOU-Species	16	17	18	19	20	Non-Breeder
02930-Scaled Quail	2	1	2	3		No
03250-Turkey Vulture		1				No
03160-Mourning Dove	1					No
03850-Greater Roadrunner	1					No
04540-Ash-throated Flycatcher			1			No
07460-Verdin		2				No
07130-Cactus Wren				4	4	No
07170-Canyon Wren	1					No
07030-Northern Mockingbird	2		1	1	1	No
05730-Black-throated Sparrow	4	5	3	3	5	No
05940-Pyrrhuloxia	1				1	No
05040-Scott's Oriole			1	1		No
05190-House Finch			1			No
Number of Vehicles						
Excessive Noise						

AOU-Species	21	22	23	24	25	Non-Breeder
02930-Scaled Quail	1		1			No
03160-Mourning Dove					1	No
04860-Common Raven		1				No
07130-Cactus Wren	2	1		1		No
07520-Black-tailed Gnatcatcher	2					No
07030-Northern Mockingbird	1		1			No
06556-Yellow-rumped Warbler			1			Yes
05730-Black-throated Sparrow	3	3	4	6	1	No
05940-Pyrrhuloxia	1					No
05970-Blue Grosbeak			1			No
05040-Scott's Oriole		1			1	No
Number of Vehicles						
Excessive Noise						

AOU-Species	26	27	28	29	30	Non-Breeder
02930-Scaled Quail				4		No
07460-Verdin	2					No
07130-Cactus Wren	1			1	1	No
07190-Bewick's Wren				1		No
07030-Northern Mockingbird			2			No
05800-Rufous-crowned Sparrow				2	1	No
05730-Black-throated Sparrow	1	3	1	4	2	No
05940-Pyrrhuloxia		1			1	No
05970-Blue Grosbeak				1		No
05040-Scott's Oriole	1					No
Number of Vehicles					1	
Excessive Noise						

AOU-Species	31	32	33	34	35	Non-Breeder
02930-Scaled Quail				1		No
03850-Greater Roadrunner				1		No

03960-Ladder-backed Woodpecker		1	1			No
07460-Verdin	1					No
07130-Cactus Wren	2	1		1		No
07190-Bewick's Wren		1	1	1		No
07030-Northern Mockingbird			1	1	2	No
05910-Canyon Towhee	1		2			No
05800-Rufous-crowned Sparrow		3	1		1	No
05730-Black-throated Sparrow		1		2	2	No
05940-Pyrrhuloxia	1			1		No
05970-Blue Grosbeak		1	1		1	No
06000-Varied Bunting	2					No
05040-Scott's Oriole	1					No
05190-House Finch					2	No
Number of Vehicles				1	1	
Excessive Noise						

AOU-Species	36	37	38	39	40	Non-Breeder
02930-Scaled Quail			2		2	No
06330-Bell's Vireo	1			1		No
07460-Verdin		1	1	1	1	No
07130-Cactus Wren	1					No
07520-Black-tailed Gnatcatcher					2	No
07030-Northern Mockingbird	1	2		1	1	No
05800-Rufous-crowned Sparrow	1					No
05730-Black-throated Sparrow	2	1	4	3		No
05940-Pyrrhuloxia				1	2	No
Number of Vehicles	1		1		1	
Excessive Noise						

AOU-Species	41	42	43	44	45	Non-Breeder
02930-Scaled Quail		1			3	No
06330-Bell's Vireo		1	3			No
07460-Verdin		3	1	1	1	No
07130-Cactus Wren		1			2	No
07190-Bewick's Wren		1				No
07520-Black-tailed Gnatcatcher			2			No
07030-Northern Mockingbird	1	2				No
06830-Yellow-breasted Chat			3			No
05730-Black-throated Sparrow					3	No
05940-Pyrrhuloxia		1	1	4	1	No
05970-Blue Grosbeak				1		No
06010-Painted Bunting	1					No
04950-Brown-headed Cowbird		4				No
05040-Scott's Oriole					1	No
Number of Vehicles		1		1	1	
Excessive Noise						

AOU-Species	46	47	48	49	50	Non-Breeder
02930-Scaled Quail	1		1			No
03250-Turkey Vulture				2		No
04540-Ash-throated Flycatcher					1	No
06330-Bell's Vireo	1					No
04860-Common Raven				1		No
07460-Verdin			2			No
07130-Cactus Wren					1	No
07520-Black-tailed Gnatcatcher			1	1		No
07030-Northern Mockingbird	2	1			1	No
06830-Yellow-breasted Chat	1					No
05730-Black-throated Sparrow	1	2		4	4	No
05940-Pyrrhuloxia	2		3	1	2	No
05970-Blue Grosbeak				1	1	No
04950-Brown-headed Cowbird	2					No

Number of Vehicles	1	2
Excessive Noise		

Comments

General Comments, Suggestions, Questions or Stories from the field : (Max. 255 char)

Incomplete Route or Route Problem Comments : (Max. 500 char)

Route Vacancy and Observer Replacement Comments : (Max. 500 char)

Comments to Document Rare, Migrant, and Nonbreeding Species : (Max. 500 char) yellow-rumped warbler (Audubon's) is a common migrant through the Big Bend region.

2527018375

2008 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) 0 5 / 0 7

End date (mm/dd) 0 6 / 3 0

Official Start Time: 0624

ROUTE SUMMARY INFORMATION

Complete steps 1-14.

1. Date Route Run (mm/dd/yyyy): 0 5 / 1 9 / 2 0 0 8

2. Start time (hh:mm): 0 6 : 2 4 End time: 1 0 : 2 5

3. Start temp: 0 5 6 End temp: 0 8 3 ○ 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

	Y	N
6. Were these data submitted via the Internet?	○	○
7. Do you intend to survey the route next year?	●	○
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?	●	○
8a. If no to 8, indicate how many stops were sampled (0-49).		
9. Were number of passing vehicles recorded during count?	●	○
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?	○	○
11. Does your name appear in the assigned observer box below? If no, please complete page 2.	●	○
12. Is your contact information below correct? If no, please provide correct information on reverse side.	○	○
13. Were you paid or otherwise compensated by your **employer** to survey this route?	●	○

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 0 7	Assistants' Hours
0	● ○	○ ○
1	○ ○	○ ○
2	○ ○	○ ○
3	○ ○	○ ○
4	○ ○	○ ○
5	○ ○	○ ○
6	○ ○	○ ○
7	○ ●	○ ○
8	○ ○	○ ○
9	○ ○	○ ○

Contact Information Corrections:

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

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

/ -

MARK_R_FLIPPO@NPS.GOV

Birth(MMDD):

Assigned BBS observer:

MARK R FLIPPO

PO BOX 123

BIG BEND NP TX 79834

United States

Office use only 2008

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 101 3145

SCAN FORM Page 1

0719018376 f you sample multiple routes, you need update your address on only one set of forms.

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!

6053018373

Official Start Time: 0624
Actual Start Time: 0624
(required) Temp Wind Sky: 56 0 0

Country Code: 840 | Route name: CASTOLON | Route Number: 83319

Date (mm/dd/yyyy): 05/19/2008

Mileage/time(optional):

Observer's Name: MARK Flippo

Species	AOU	Stops 1	2	3	4	5
Scaled Quail	02930					
Turkey Vulture	03250					
Gray Hawk	03460					
Red-tailed Hawk	03370					
Killdeer	02730					
White-winged Dove	03190	1	4	6	3	
Mourning Dove	03160		2	3	4	4
Inca Dove	03210					
Yellow-billed Cuckoo	03870					
Greater Roadrunner	03850					1
Western Screech-Owl	03732					
Great Horned Owl	03750	1				
Elf Owl	03810					
Lesser Nighthawk	04210	4	10	3	1	6
Common Nighthawk	04200	1				
Common Poorwill	04180					
White-throated Swift	04250					
Gold-frnt Woodpecker	04100				2	
Ladder-back Woodpkr	03960					
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540	1				
Brn-crest Flycatcher	04530					
Tropical Kingbird	04460					
Cassin's Kingbird	04480					
Western Kingbird	04470					
Loggerhead Shrike	06220					
Bell's Vireo	06330				2	
Gray Vireo	06340					
Common Raven	04860				1	
N Rgh-wing Swallow	06170					
Cliff Swallow	06120					
Verdin	07460					
Cactus Wren	07130					
Rock Wren	07150					
Canyon Wren	07170					
Bewick's Wren	07190					

Species	AOU	Stops 1	2	3	4	5
Blk-tail Gnatcatcher	07520					
Northern Mockingbird	07030			2		
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Phainopepla	06200					
Lucy's Warbler	06430			1	2	
Yellow-breasted Chat	06830	3	3	4	3	
Summer Tanager	06100				1	
Canyon Towhee	05910					
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800					
Lark Sparrow	05520					
Blk-throated Sparrow	05730	4	7	4	2	7
Northern Cardinal	05930					
Pyrrhuloxia	05940					
Blue Grosbeak	05970					
Varied Bunting	06000					
Painted Bunting	06010	1		2	2	
Bronzed Cowbird	04960					
Brn-headed Cowbird	04950					
Orchard Oriole	05060					
Scott's Oriole	05040					
House Finch	05190					
Lesser Goldfinch	05300					
Common yellowthroat		1				
NBr ☐ Common yellowthroat		1				
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3145 VEHICLES

Excessive Noise: ○ ○ ○ ○ ○

Check box if non-breeder.

101

SCAN FORM

5232018371

Country Code	Route Number	Route Name	Year
840	83319	CASTOLON	2008

Temp Wind Sky

Mileage/time(optional):

Species	AOU	Stops 6	7	8	9	10
Scaled Quail	02930					
Turkey Vulture	03250					
Gray Hawk	03460					
Red-tailed Hawk	03370					
Killdeer	02730					
White-winged Dove	03190					
Mourning Dove	03160	1	1			
Inca Dove	03210					
Yellow-billed Cuckoo	03870					
Greater Roadrunner	03850					
Western Screech-Owl	03732					
Great Horned Owl	03750					
Elf Owl	03810					
Lesser Nighthawk	04210	6				1
Common Nighthawk	04200					
Common Poorwill	04180					
White-throated Swift	04250					
Gold-frnt Woodpecker	04100					
Ladder-back Woodpkr	03960					
Say's Phoebe	04570			1		
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540		2	1	2	
Brn-crest Flycatcher	04530					
Tropical Kingbird	04460					
Cassin's Kingbird	04480					
Western Kingbird	04470					
Loggerhead Shrike	06220					
Bell's Vireo	06330					
Gray Vireo	06340					
Common Raven	04860					
N Rgh-wing Swallow	06170					
Cliff Swallow	06120					
Verdin	07460		1			
Cactus Wren	07130			1	1	1
Rock Wren	07150			1		2
Canyon Wren	07170		1	1	1	
Bewick's Wren	07190					

Species	AOU	Stops 6	7	8	9	10
Blk-tail Gnatcatcher	07520					
Northern Mockingbird	07030	1	1			
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Phainopepla	06200					
Lucy's Warbler	06430					
Yellow-breasted Chat	06830					
Summer Tanager	06100					
Canyon Towhee	05910					
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800					
Lark Sparrow	05520					
Blk-throated Sparrow	05730	3	2	3	3	2
Northern Cardinal	05930					
Pyrrhuloxia	05940	3		1	1	
Blue Grosbeak	05970					
Varied Bunting	06000					
Painted Bunting	06010					
Bronzed Cowbird	04960					
Brn-headed Cowbird	04950					
Orchard Oriole	05060					
Scott's Oriole	05040	1			1	
House Finch	05190	2			2	4
Lesser Goldfinch	05300					
NBr ☐						
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3145 VEHICLES		1		1	1	
Excessive Noise:	○	○	○	○	○	

Check box if non-breeder.

101

SCAN FORM Page 4

7198018374

Country Code	Route Number	Route Name	Year
840	83319	CASTOLON	2008

Temp Wind Sky: 60 | 0 | 0

Mileage/time(optional):

Species	AOU	Stops 11	12	13	14	15
Scaled Quail	02930		2	4	2	
Turkey Vulture	03250					
Gray Hawk	03460					
Red-tailed Hawk	03370					1
Killdeer	02730					
White-winged Dove	03190					
Mourning Dove	03160			1		
Inca Dove	03210					
Yellow-billed Cuckoo	03870					
Greater Roadrunner	03850					
Western Screech-Owl	03732					
Great Horned Owl	03750					
Elf Owl	03810					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
Common Poorwill	04180					
White-throated Swift	04250					
Gold-frnt Woodpecker	04100					
Ladder-back Woodpkr	03960					
Say's Phoebe	04570				1	
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540					
Brn-crest Flycatcher	04530					
Tropical Kingbird	04460					
Cassin's Kingbird	04480					
Western Kingbird	04470					
Loggerhead Shrike	06220					
Bell's Vireo	06330					
Gray Vireo	06340					
Common Raven	04860					
N Rgh-wing Swallow	06170					
Cliff Swallow	06120					
Verdin	07460				1	1
Cactus Wren	07130	3	1	1	1	2
Rock Wren	07150					
Canyon Wren	07170					
Bewick's Wren	07190					

Species	AOU	Stops 11	12	13	14	15
Blk-tail Gnatcatcher	07520	2				
Northern Mockingbird	07030	2		2	1	2
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Phainopepla	06200					
Lucy's Warbler	06430					
Yellow-breasted Chat	06830					
Summer Tanager	06100					
Canyon Towhee	05910					
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800					
Lark Sparrow	05520					
Blk-throated Sparrow	05730		5	1	2	4
Northern Cardinal	05930					
Pyrrhuloxia	05940			2	3	
Blue Grosbeak	05970				1	
Varied Bunting	06000					
Painted Bunting	06010					
Bronzed Cowbird	04960					
Brn-headed Cowbird	04950					
Orchard Oriole	05060					
Scott's Oriole	05040	1	1			
House Finch	05190					
Lesser Goldfinch	05300		1			

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VEHICLES						
Excessive Noise:	○	○	○	○	○	

Check box if non-breeder.

2360018370

Country Code	Route Number	Route Name	Year
840	83319	CASTOLON	2008

Temp | Wind | Sky

Mileage/time (optional):

Species	AOU	Stops 16	17	18	19	20
Scaled Quail	02930	2	1	2	3	
Turkey Vulture	03250		1			
Gray Hawk	03460					
Red-tailed Hawk	03370					
Killdeer	02730					
White-winged Dove	03190					
Mourning Dove	03160	1				
Inca Dove	03210					
Yellow-billed Cuckoo	03870					
Greater Roadrunner	03850	1				
Western Screech-Owl	03732					
Great Horned Owl	03750					
Elf Owl	03810					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
Common Poorwill	04180					
White-throated Swift	04250					
Gold-frnt Woodpecker	04100					
Ladder-back Woodpkr	03960					
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540			1		
Brn-crest Flycatcher	04530					
Tropical Kingbird	04460					
Cassin's Kingbird	04480					
Western Kingbird	04470					
Loggerhead Shrike	06220					
Bell's Vireo	06330					
Gray Vireo	06340					
Common Raven	04860					
N Rgh-wing Swallow	06170					
Cliff Swallow	06120					
Verdin	07460		2			
Cactus Wren	07130				4	4
Rock Wren	07150					
Canyon Wren	07170	1				
Bewick's Wren	07190					

Species	AOU	Stops 16	17	18	19	20
Blk-tail Gnatcatcher	07520					
Northern Mockingbird	07030	2		1	1	1
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Phainopepla	06200					
Lucy's Warbler	06430					
Yellow-breasted Chat	06830					
Summer Tanager	06100					
Canyon Towhee	05910					
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800					
Lark Sparrow	05520					
Blk-throated Sparrow	05730	4	5	3	3	5
Northern Cardinal	05930					
Pyrrhuloxia	05940	1				1
Blue Grosbeak	05970					
Varied Bunting	06000					
Painted Bunting	06010					
Bronzed Cowbird	04960					
Brn-headed Cowbird	04950					
Orchard Oriole	05060					
Scott's Oriole	05040			1	1	
House Finch	05190			1		
Lesser Goldfinch	05300					

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3145 **VEHICLES**

Excessive Noise: ○ ○ ○ ○ ○

Check box if non-breeder.

101

SCAN FORM Page 6

4761018377

Country Code	Route Number	Route Name	Year
840	83319	CASTOLON	2008

Temp | Wind | Sky: 63 | 0 | 0

Mileage/time(optional):

Species	AOU	Stops 21	22	23	24	25
Scaled Quail	02930	1		1		
Turkey Vulture	03250					
Gray Hawk	03460					
Red-tailed Hawk	03370					
Killdeer	02730					
White-winged Dove	03190					
Mourning Dove	03160					1
Inca Dove	03210					
Yellow-billed Cuckoo	03870					
Greater Roadrunner	03850					
Western Screech-Owl	03732					
Great Horned Owl	03750					
Elf Owl	03810					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
Common Poorwill	04180					
White-throated Swift	04250					
Gold-frnt Woodpecker	04100					
Ladder-back Woodpkr	03960					
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540					
Brn-crest Flycatcher	04530					
Tropical Kingbird	04460					
Cassin's Kingbird	04480					
Western Kingbird	04470					
Loggerhead Shrike	06220					
Bell's Vireo	06330					
Gray Vireo	06340					
Common Raven	04860		1			
N Rgh-wing Swallow	06170					
Cliff Swallow	06120					
Verdin	07460					
Cactus Wren	07130	2	1		1	
Rock Wren	07150					
Canyon Wren	07170					
Bewick's Wren	07190					

Species	AOU	Stops 21	22	23	24	25
Blk-tail Gnatcatcher	07520	2				
Northern Mockingbird	07030	1		1		
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Phainopepla	06200					
Lucy's Warbler	06430					
Yellow-breasted Chat	06830					
Summer Tanager	06100					
Canyon Towhee	05910					
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800					
Lark Sparrow	05520					
Blk-throated Sparrow	05730	3	3	4	6	1
Northern Cardinal	05930					
Pyrrhuloxia	05940	1				
Blue Grosbeak	05970			1		
Varied Bunting	06000					
Painted Bunting	06010					
Bronzed Cowbird	04960					
Brn-headed Cowbird	04950					
Orchard Oriole	05060					
Scott's Oriole	05040		1			1
House Finch	05190					
Lesser Goldfinch	05300					
NBr ☒ yellow-rumped warb				1		
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3145 VEHICLES

Excessive Noise: ○ ○ ○ ○ ○

Check box if non-breeder.

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SCAN FORM

2773018378

Country Code	Route Number	Route Name	Year
840	83319	CASTOLON	2008

Temp Wind Sky

Mileage/time(optional):

Species	AOU	Stops 26	27	28	29	30
Scaled Quail	02930				4	
Turkey Vulture	03250					
Gray Hawk	03460					
Red-tailed Hawk	03370					
Killdeer	02730					
White-winged Dove	03190					
Mourning Dove	03160					
Inca Dove	03210					
Yellow-billed Cuckoo	03870					
Greater Roadrunner	03850					
Western Screech-Owl	03732					
Great Horned Owl	03750					
Elf Owl	03810					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
Common Poorwill	04180					
White-throated Swift	04250					
Gold-frnt Woodpecker	04100					
Ladder-back Woodpkr	03960					
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540					
Brn-crest Flycatcher	04530					
Tropical Kingbird	04460					
Cassin's Kingbird	04480					
Western Kingbird	04470					
Loggerhead Shrike	06220					
Bell's Vireo	06330					
Gray Vireo	06340					
Common Raven	04860					
N Rgh-wing Swallow	06170					
Cliff Swallow	06120					
Verdin	07460	2				
Cactus Wren	07130	1			1	1
Rock Wren	07150					
Canyon Wren	07170					
Bewick's Wren	07190				1	
VEHICLES						1
Excessive Noise:		○	○	○	○	○

Species	AOU	Stops 26	27	28	29	30
Blk-tail Gnatcatcher	07520					
Northern Mockingbird	07030			2		
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Phainopepla	06200					
Lucy's Warbler	06430					
Yellow-breasted Chat	06830					
Summer Tanager	06100					
Canyon Towhee	05910					
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800				2	1
Lark Sparrow	05520					
Blk-throated Sparrow	05730	1	3	1	4	2
Northern Cardinal	05930					
Pyrrhuloxia	05940		1			1
Blue Grosbeak	05970				1	
Varied Bunting	06000					
Painted Bunting	06010					
Bronzed Cowbird	04960					
Brn-headed Cowbird	04950					
Orchard Oriole	05060					
Scott's Oriole	05040	1				
House Finch	05190					
Lesser Goldfinch	05300					
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Check box if non-breeder.						

2391018374

Country Code	Route Number	Route Name	Year
840	83319	CASTOLON	2008

Temp	Wind	Sky
70	1	0

Mileage/time(optional):

Species	AOU	Stops 31	32	33	34	35
Scaled Quail	02930				1	
Turkey Vulture	03250					
Gray Hawk	03460					
Red-tailed Hawk	03370					
Killdeer	02730					
White-winged Dove	03190					
Mourning Dove	03160					
Inca Dove	03210					
Yellow-billed Cuckoo	03870					
Greater Roadrunner	03850				1	
Western Screech-Owl	03732					
Great Horned Owl	03750					
Elf Owl	03810					
Lesser Nighthawk	04210					
Common Nighthawk	04200					
Common Poorwill	04180					
White-throated Swift	04250					
Gold-frnt Woodpecker	04100					
Ladder-back Woodpkr	03960		1	1		
Say's Phoebe	04570					
Vermilion Flycatcher	04710					
Ash-throat Flycatcher	04540					
Brn-crest Flycatcher	04530					
Tropical Kingbird	04460					
Cassin's Kingbird	04480					
Western Kingbird	04470					
Loggerhead Shrike	06220					
Bell's Vireo	06330					
Gray Vireo	06340					
Common Raven	04860					
N Rgh-wing Swallow	06170					
Cliff Swallow	06120					
Verdin	07460	1				
Cactus Wren	07130	2	1		1	
Rock Wren	07150					
Canyon Wren	07170					
Bewick's Wren	07190		1	1	1	

Species	AOU	Stops 31	32	33	34	35
Blk-tail Gnatcatcher	07520					
Northern Mockingbird	07030			1	1	2
Curve-billed Thrasher	07070					
Crissal Thrasher	07120					
Phainopepla	06200					
Lucy's Warbler	06430					
Yellow-breasted Chat	06830					
Summer Tanager	06100					
Canyon Towhee	05910	1		2		
Cassin's Sparrow	05780					
Ruf-crowned Sparrow	05800		3	1		1
Lark Sparrow	05520					
Blk-throated Sparrow	05730		1		2	2
Northern Cardinal	05930					
Pyrrhuloxia	05940	1			1	
Blue Grosbeak	05970		1	1		1
Varied Bunting	06000	2				
Painted Bunting	06010					
Bronzed Cowbird	04960					
Brn-headed Cowbird	04950					
Orchard Oriole	05060					
Scott's Oriole	05040	1				
House Finch	05190					2
Lesser Goldfinch	05300					

NBr ☐

3145	VEHICLES				1	1
	Excessive Noise:	○	○	○	○	○

Check box if non-breeder.

1518018374

Country Code	Route Number	Route Name	Year
840	83319	CASTOLON	2008

Temp | Wind | Sky

Mileage/time(optional):

Species	AOU	Stops 36	37	38	39	40	Species	AOU	Stops 36	37	38	39	40
Scaled Quail	02930			2		2	Blk-tail Gnatcatcher	07520					2
Turkey Vulture	03250						Northern Mockingbird	07030	1	2		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						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				
Great Horned Owl	03750						Lark Sparrow	05520					
Elf Owl	03810						Blk-throated Sparrow	05730	2	1	4	3	
Lesser Nighthawk	04210						Northern Cardinal	05930					
Common Nighthawk	04200						Pyrrhuloxia	05940				1	2
Common Poorwill	04180						Blue Grosbeak	05970					
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			1								
Gray Vireo	06340						NBr ☐						
Common Raven	04860						☐						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Verdin	07460		1	1	1	1	☐						
Cactus Wren	07130	1					☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190						☐						
3145 VEHICLES		1		1		1	Check box if non-breeder.						
Excessive Noise:		○	○	○	○	○							

1888018374

Country Code	Route Number	Route Name	Year
840	83319	CASTOLON	2008

Temp | Wind | Sky: 75 | 2 | 0

Mileage/time(optional):

Species	AOU	Stops 41	42	43	44	45	Species	AOU	Stops 41	42	43	44	45
Scaled Quail	02930		1			3	Blk-tail Gnatcatcher	07520			2		
Turkey Vulture	03250						Northern Mockingbird	07030	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			3		
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
Lesser Nighthawk	04210						Northern Cardinal	05930					
Common Nighthawk	04200						Pyrrhuloxia	05940		1	1	4	1
Common Poorwill	04180						Blue Grosbeak	05970				1	
White-throated Swift	04250						Varied Bunting	06000					
Gold-frnt Woodpecker	04100						Painted Bunting	06010	1				
Ladder-back Woodpkr	03960						Bronzed Cowbird	04960					
Say's Phoebe	04570						Brn-headed Cowbird	04950		4			
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	3									
Gray Vireo	06340						NBr ☐						
Common Raven	04860						☐						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Verdin	07460		3	1	1	1	☐						
Cactus Wren	07130		1			2	☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190		1				☐						
3145 VEHICLES			1		1	1	Check box if non-breeder.						
Excessive Noise:		○	○	○	○	○							

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SCAN FORM
Page 11

2038018372

Country Code	Route Number	Route Name	Year
840	83319	CASTOLON	2008

Temp Wind Sky

Mileage/time(optional):

End Time: (required) Temp Wind Sky

Species	AOU	Stops 46	47	48	49	50	Species	AOU	Stops 46	47	48	49	50
Scaled Quail	02930	1		1			Blk-tail Gnatcatcher	07520			1	1	
Turkey Vulture	03250				2		Northern Mockingbird	07030	2	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						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					
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	4
Lesser Nighthawk	04210						Northern Cardinal	05930					
Common Nighthawk	04200						Pyrrhuloxia	05940	2		3	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	2				
Vermilion Flycatcher	04710						Orchard Oriole	05060					
Ash-throat Flycatcher	04540					1	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				1		☐						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Verdin	07460			2			☐						
Cactus Wren	07130					1	☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190						☐						
3145 VEHICLES			1			2	Check box if non-breeder.	101					
Excessive Noise:		○	○	○	○	○							

SCAN FORM
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