

Big Bend National Park Breeding Bird Surveys

May 2013

By Mark R. Flippo

Annual breeding bird surveys have been performed in Big Bend National Park since the mid 1980s with three prescribed driving routes of 24.5 miles each , following established protocols for monitoring (a three minute period at each half mile of the route for a total of 50 data points for each route). For 2013, three breeding bird surveys were completed in Big Bend National Park between May 28 and May 30: Hot Springs route May 28, Castolon route May 29, Chisos Basin route May 30. May dates, while earlier than most routes run elsewhere in the nation, are authorized for southwest arid zones where breeding species begin nesting earlier than those in more northerly environments and as a time when most migrant species have already vacated the area .

The Hot Springs route tallied a total of 28 species and 328 individuals, the Castolon route tallied 27 species and 261 individuals, and the Chisos Basin route tallied 36 species and 301 individuals.

Route totals for species dropped from 2012 and were again below average (1997-2012**), reflecting lingering drought impacts that have hampered breeding birds. The 27 species tallied on the Castolon route is the lowest in 17 years, and the 36 species on the Chisos route and the 28 species on the Hot Springs route are the second lowest (35 in 2003 and 27 in 2001 respectively) in 17 years. Total individual numbers dropped from 2012 on the Chisos and Castolon routes and all three count tallies were below average.

Breeding species composition remained constant as expected. Black-throated sparrow was the most tallied breeding bird on all three routes (201), followed by mourning dove (102), northern mockingbird (80), cactus wren (48) and pyrrhuloxia (46).

Also as expected, the total individuals/species has fluctuated as long-term drought impacts continue in spite of spotty and sporadic rainfall. Two examples of species that appear to respond very quickly to changing conditions follow:

Scaled quail numbers came up to 26 from a three route total of five in 2012. From 1997 to 2009, SCQU was one of the most common resident breeding species with a three route total average of 84 individuals (High = 180, Low= 50). From 2010 through 2013 the average has dropped to 22 individuals.

Black-tailed gnatcatcher numbers remain very low with a three route total of only four, continuing a trend from 2011 (2011 = 4, 2012 =6). A similar reduction was observed between 2001 and 2004 when the three route average dropped to 12 individuals (High = 18, Low = 4) as compared to 1997 – 2000 levels, when BTGN was among the more common resident breeders (three route total average of 44 individuals, High = 59, Low = 33). From 2005 – 2010 the average came back up to 35 individuals, High = 64, Low = 16). From 2011 to present, the average has dropped again to 4.6 individuals.

** 16 year BBS averages (1997-2012)

Hot springs average:	34 species	446 individuals
Chisos Basin average:	44 species	437 individuals
Castolon average:	38 species	401 individuals

Route Summary

MARK FLIPPO

Route Summary

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

Route Summary Information

Date Route Run: 05/28/2013
Start Time: 06:24
End Time: 10:26
Start Temp: 75 °F
End Temp: 92 °F
Start Wind: 2-Wind felt on face; leaves rustle [4-7 mph, 6-12 Kph]
End Wind: 0-Smoke rises vertically [<1 mph, <2 Kph]
Start Sky: 1-Partly cloudy (scattered) or variable sky
End Sky: 1-Partly cloudy (scattered) or variable sky

10 Stop Totals

Species	1-10	11-20	21-30	31-40	41-50	Total ind.	Total Stops
Scaled Quail	0	2	3	7	3	15	10
Turkey Vulture	0	1	3	6	7	17	11
Northern Harrier	1	0	0	0	0	1	1
Swainson's Hawk	0	0	0	0	1	1	1
Mourning Dove	22	35	10	0	0	67	22
Greater Roadrunner	0	0	0	0	1	1	1
Great Horned Owl	1	0	0	0	0	1	1
Lesser Nighthawk	8	0	0	0	0	8	6
Common Nighthawk	1	0	0	0	0	1	1
Say's Phoebe	1	0	0	0	0	1	1
Ash-throated Flycatcher	3	1	2	1	0	7	6
Loggerhead Shrike	1	2	0	0	0	3	2
Common Raven	0	0	0	0	5	5	2
Barn Swallow	0	0	1	0	0	1	1
Verdin	0	1	2	3	6	12	10
Cactus Wren	1	7	3	7	5	23	18
Bewick's Wren	0	0	1	1	0	2	2
Northern Mockingbird	6	7	4	7	4	28	20
Curve-billed Thrasher	0	0	0	1	0	1	1
Crissal Thrasher	1	0	0	0	0	1	1
Rufous-crowned Sparrow	0	0	2	0	4	6	3
Canyon Towhee	0	0	0	0	1	1	1
Black-throated Sparrow	22	20	15	19	9	85	39
Pyrrhuloxia	0	3	4	6	4	17	12
Blue Grosbeak	0	0	3	1	2	6	5
Scott's Oriole	1	1	0	1	3	6	6
House Finch	4	2	0	0	0	6	3
House Sparrow	0	0	0	5	0	5	1
Total Species : 28	Total ind. : 328						
Vehicles	0	1	3	8	8	20	15
Noise	0	0	0	0	0	0	0

Please complete numbered items below after surveying route.

Observer # **F 0 1 7 1** is currently assigned to BBS route **8 3 0 8 2** **HOT SPRINGS**

VALID SURVEY DATES AND START TIME

This route can be surveyed between the following dates:

Start date (mm/dd) **5/7**End date (mm/dd) **6/30**

Start time is exactly one-half hour before sunrise:

0624

COMPLETE STEPS 1-10

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

05/28/2013

2. Start time (hh:mm)

06:24

3. Start temp

075☐ Celsius
☒ Fahrenheit

4. Start sky

0 1 2 4 5 7 8
☐ ☒ ☐ ☐ ☐ ☐ ☐

5. Start wind

0 1 2 3 4 5
☐ ☐ ☒ ☐ ☐ ☐

6. End time

10:26

7. End temp

92

8. End sky

0 1 2 4 5 7 8
☐ ☒ ☐ ☐ ☐ ☐ ☐

9. End wind

0 1 2 3 4 5
☒ ☐ ☐ ☐ ☐ ☐

10. Was the route completed?

Y N

☒ ☐

If you answered no, how many stops were completed (0-49):

00

COMPLETE STEPS 11-16

11. Were number of passing vehicles recorded during count?

Y N

☒ ☐

12. Is the name of the observer who performed this survey shown in the 'assigned observer' box at the bottom of page?

Y N

☒ ☐

If you answered yes, is the contact info correct?

Y N

☒ ☐

If you answered no to either of these questions, please complete the reverse side of this page.

13. Did the observer have an assistant to help with logistics? If yes, please provide assistant's first and last name below:

Y N

☐ ☒

Name:

Did this assistant record the data?

Y N

☐ ☐

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

Observer's
Hours**09**Assistant's
Hours**00**

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

Y N

☒ ☐

16. Does the observer intend to survey the route next year?

Y N

☒ ☐

If no, please use the comment form to indicate why and, if possible, provide the name and contact information of a potential replacement.

Contact Information:

Use Reverse Side To Make Corrections

Assigned BBS observer:

MARK R FLIPPO

PO BOX 99

Terlingua

TX 79852

United States

4323712348

markrflippo@gmail.com

Office use only

840

2013

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RPID

3499

101

SCAN FORM
Page 1

First Name	M.I.	Last Name

[illegible][illegible][illegible]

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-If you will not be able to conduct the survey, please contact your local BBS coordinator or national office ASAP.

- Select a run date within the window of acceptable dates provided on the reverse side. Routes must be run under satisfactory weather conditions, good visibility, little or no precipitation, light winds. Make notes of stops where weather deviates.
- START EXACTLY ONE-HALF HOUR BEFORE SUNRISE. Official start time is printed on the reverse side.
- Routes should be completed within 4 - 5 hours. Observers should count birds for *exactly* 3 minutes at each stop; birds seen before or after the 3-minute count period, or while traveling between stops, must *not* be counted, but may be noted in the comments section.
- ONE AND ONLY ONE PERSON, THE OBSERVER, IS PERMITTED TO IDENTIFY AND COUNT BIRDS.
- Count all individuals except young who are still dependent on their parents for food and/or protection (e.g., do not count begging fledgling, the downy chicks of precocial species, etc.).
- Count all birds within 1/4 mile (0.4 km) or heard at any distance during the 3-minute count period. Observers should avoid counting individuals already counted on previous stops.
- Write in any species not already listed on the form. Provide documentation for all write-ins not typically found in the area (check a field guide map if unsure). Check the "Mig?" box if the species is not known to breed in the survey area.
- Please note the number of vehicles that pass, on the route's road *only*, during each 3-min stop. If you feel that constant excessive noise other than passing vehicles (e.g., a nearby lawnmower, stream noise, distant roadway, etc.) seriously impaired your ability to hear birds at a particular stop, please fill in the "excessive noise" bubble.

Wind Speed Codes:

Scale Wind speed indicators

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

Abstract

8811333827

Official Start Time: 0624

840 83082 HOT SPRINGS

101

Date (mm/dd/yyyy)

Your Start Time: 0624

Start Temp: 75

Observer's Name:

05 / 28 / 2013

Start Sky: 1

Start Wind: 2

Mark Flippo

Stops

Stops

Species	AOU	1	2	3	4	5	Species	AOU	1	2	3	4	5
Scaled Quail	02930						Blk-tail Gnatcatcher	07520					
Turkey Vulture	03250						Northern Mockingbird	07030					
Swainson's Hawk	03420						Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Golden Eagle	03490						Yellow-breasted Chat	06830					
Killdeer	02730						Ruf-crowned Sparrow	05800					
Eur Collared-Dove	22860						Canyon Towhee	05910					
White-winged Dove	03190						Cassin's Sparrow	05780					
Mourning Dove	03160		1	2	1	2	Chipping Sparrow	05600					
Greater Roadrunner	03850						Lark Sparrow	05520					
Great Horned Owl	03750			1			Blk-throated Sparrow	05730		2	3	1	3
Elf Owl	03810						Lark Bunting	06050					
Lesser Nighthawk	04210			2	2	1	Summer Tanager	06100					
Common Nighthawk	04200				1		Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940					
White-throated Swift	04250						Blk-headed Grosbeak	05960					
Blk-chin Hummingbird	04290						Blue Grosbeak	05970					
Ladder-back Woodpr	03960						Varied Bunting	06000					
unid Empidonax Fly	04679						Painted Bunting	06010					
Say's Phoebe	04570	1					Eastern Meadowlark	05010					
Vermilion Flycatcher	04710						Western Meadowlark	05011					
Ash-throat Flycatcher	04540	1	1				Bronzed Cowbird	04960					
Cassin's Kingbird	04480						Brn-headed Cowbird	04950					
Western Kingbird	04470						Orchard Oriole	05060					
Loggerhead Shrike	06220						Scott's Oriole	05040					
Bell's Vireo	06330						House Finch	05190	3				
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860						House Sparrow	06882					
N Rgh-wing Swallow	06170						Mig?						
Cliff Swallow	06120						Mig?						
Barn Swallow	06130						Mig?						
Verdin	07460						Mig?						
Cactus Wren	07130						Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						
Blue-gry Gnatcatcher	07510						Mig?						

3499

VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check box if non-breeder.

SCAN FORM
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Species	AOU	Stops					Species	AOU	Stops				
		6	7	8	9	10			6	7	8	9	10
Scaled Quail	02930						Blk-tail Gnatcatcher	07520					
Turkey Vulture	03250						Northern Mockingbird	07030		1	1	2	2
Swainson's Hawk	03420						Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120			1		
Golden Eagle	03490						Yellow-breasted Chat	06830					
Killdeer	02730						Ruf-crowned Sparrow	05800					
Eur Collared-Dove	22860						Canyon Towhee	05910					
White-winged Dove	03190						Cassin's Sparrow	05780					
Mourning Dove	03160	4	3	3	3	3	Chipping Sparrow	05600					
Greater Roadrunner	03850						Lark Sparrow	05520					
Great Horned Owl	03750						Blk-throated Sparrow	05730	1	5	3	1	3
Elf Owl	03810						Lark Bunting	06050					
Lesser Nighthawk	04210	1	1	1			Summer Tanager	06100					
Common Nighthawk	04200						Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940					
White-throated Swift	04250						Blk-headed Grosbeak	05960					
Blk-chin Hummingbird	04290						Blue Grosbeak	05970					
Ladder-back Woodpkr	03960						Varied Bunting	06000					
unid Empidonax Fly	04679						Painted Bunting	06010					
Say's Phoebe	04570						Eastern Meadowlark	05010					
Vermillion Flycatcher	04710						Western Meadowlark	05011					
Ash-throat Flycatcher	04540	1					Bronzed Cowbird	04960					
Cassin's Kingbird	04480						Brn-headed Cowbird	04950					
Western Kingbird	04470						Orchard Oriole	05060					
Loggerhead Shrike	06220					1	Scott's Oriole	05040		1			
Bell's Vireo	06330						House Finch	05190	1				
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860						House Sparrow	06882					
N Rgh-wing Swallow	06170						Mig? ☒ Northern Harrier						1
Cliff Swallow	06120						Mig? ☐						
Barn Swallow	06130						Mig? ☐						
Verdin	07460						Mig? ☐						
Cactus Wren	07130				1		Mig? ☐						
Rock Wren	07150						Mig? ☐						
Canyon Wren	07170						Mig? ☐						
Bewick's Wren	07190						Mig? ☐						
Blue-gry Gnatcatcher	07510						Mig? ☐						

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VEHICLES

Excessive Noise:

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Check box if
non-breeder.SCAN FORM
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Species	AOU	Stops					Species	AOU	Stops				
		11	12	13	14	15			11	12	13	14	15
Scaled Quail	02930		2				Blk-tail Gnatcatcher	07520					
Turkey Vulture	03250	1					Northern Mockingbird	07030	2	1	1		
Swainson's Hawk	03420						Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Golden Eagle	03490						Yellow-breasted Chat	06830					
Killdeer	02730						Ruf-crowned Sparrow	05800					
Eur Collared-Dove	22860						Canyon Towhee	05910					
White-winged Dove	03190						Cassin's Sparrow	05780					
Mourning Dove	03160	6	5	4	2	1	Chipping Sparrow	05600					
Greater Roadrunner	03850						Lark Sparrow	05520					
Great Horned Owl	03750						Blk-throated Sparrow	05730		3	2		2
Elf Owl	03810						Lark Bunting	06050					
Lesser Nighthawk	04210						Summer Tanager	06100					
Common Nighthawk	04200						Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940				1	
White-throated Swift	04250						Blk-headed Grosbeak	05960					
Blk-chin Hummingbird	04290						Blue Grosbeak	05970					
Ladder-back Woodpkr	03960						Varied Bunting	06000					
unid Empidonax Fly	04679						Painted Bunting	06010					
Say's Phoebe	04570						Eastern Meadowlark	05010					
Vermillion Flycatcher	04710						Western Meadowlark	05011					
Ash-throat Flycatcher	04540						Bronzed Cowbird	04960					
Cassin's Kingbird	04480						Brn-headed Cowbird	04950					
Western Kingbird	04470						Orchard Oriole	05060					
Loggerhead Shrike	06220			2			Scott's Oriole	05040					
Bell's Vireo	06330						House Finch	05190					
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860						House Sparrow	06882					
N Rgh-wing Swallow	06170						Mig?						
Cliff Swallow	06120						Mig?						
Barn Swallow	06130						Mig?						
Verdin	07460				1		Mig?						
Cactus Wren	07130		1		1	1	Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						
Blue-gry Gnatcatcher	07510						Mig?						

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VEHICLES

Excessive Noise:

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Check box if non-breeder.



SCAN FORM

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Species	AOU	Stops					Species	AOU	Stops				
		16	17	18	19	20			16	17	18	19	20
Scaled Quail	02930						Blk-tail Gnatcatcher	07520					
Turkey Vulture	03250						Northern Mockingbird	07030	2	1			
Swainson's Hawk	03420						Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Golden Eagle	03490						Yellow-breasted Chat	06830					
Killdeer	02730						Ruf-crowned Sparrow	05800					
Eur Collared-Dove	22860						Canyon Towhee	05910					
White-winged Dove	03190						Cassin's Sparrow	05780					
Mourning Dove	03160		6	2	8	1	Chipping Sparrow	05600					
Greater Roadrunner	03850						Lark Sparrow	05520					
Great Horned Owl	03750						Blk-throated Sparrow	05730	3	2	2	3	3
Elf Owl	03810						Lark Bunting	06050					
Lesser Nighthawk	04210						Summer Tanager	06100					
Common Nighthawk	04200						Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940				2	
White-throated Swift	04250						Blk-headed Grosbeak	05960					
Blk-chin Hummingbird	04290						Blue Grosbeak	05970					
Ladder-back Woodpkr	03960						Varied Bunting	06000					
unid Empidonax Fly	04679						Painted Bunting	06010					
Say's Phoebe	04570						Eastern Meadowlark	05010					
Vermilion Flycatcher	04710						Western Meadowlark	05011					
Ash-throat Flycatcher	04540	1					Bronzed Cowbird	04960					
Cassin's Kingbird	04480						Brn-headed Cowbird	04950					
Western Kingbird	04470						Orchard Oriole	05060					
Loggerhead Shrike	06220						Scott's Oriole	05040			1		
Bell's Vireo	06330						House Finch	05190				2	
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860						House Sparrow	06882					
N Rgh-wing Swallow	06170						Mig?						
Cliff Swallow	06120						☐						
Barn Swallow	06130						Mig?						
Verdin	07460						☐						
Cactus Wren	07130		1		2	1	Mig?						
Rock Wren	07150						☐						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						☐						
Blue-gry Gnatcatcher	07510						Mig?						
							☐						

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VEHICLES

Excessive Noise:

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Check box if non-breeder.

SCAN FORM
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Species	AOU	Stops					Species	AOU	Stops				
		21	22	23	24	25			21	22	23	24	25
Scaled Quail	02930		2				Blk-tail Gnatcatcher	07520					
Turkey Vulture	03250	2					Northern Mockingbird	07030		1			
Swainson's Hawk	03420						Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Golden Eagle	03490						Yellow-breasted Chat	06830					
Killdeer	02730						Ruf-crowned Sparrow	05800					
Eur Collared-Dove	22860						Canyon Towhee	05910					
White-winged Dove	03190						Cassin's Sparrow	05780					
Mourning Dove	03160	2		1	5		Chipping Sparrow	05600					
Greater Roadrunner	03850						Lark Sparrow	05520					
Great Horned Owl	03750						Blk-throated Sparrow	05730	1		2	4	1
Elf Owl	03810						Lark Bunting	06050					
Lesser Nighthawk	04210						Summer Tanager	06100					
Common Nighthawk	04200						Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940		2			
White-throated Swift	04250						Blk-headed Grosbeak	05960					
Blk-chin Hummingbird	04290						Blue Grosbeak	05970					
Ladder-back Woodpr	03960						Varied Bunting	06000					
unid Empidonax Fly	04679						Painted Bunting	06010					
Say's Phoebe	04570						Eastern Meadowlark	05010					
Vermilion Flycatcher	04710						Western Meadowlark	05011					
Ash-throat Flycatcher	04540					2	Bronzed Cowbird	04960					
Cassin's Kingbird	04480						Brn-headed Cowbird	04950					
Western Kingbird	04470						Orchard Oriole	05060					
Loggerhead Shrike	06220						Scott's Oriole	05040					
Bell's Vireo	06330						House Finch	05190					
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860						House Sparrow	06882					
N Rgh-wing Swallow	06170						Mig?						
Cliff Swallow	06120						Mig?						
Barn Swallow	06130	1					Mig?						
Verdin	07460					1	Mig?						
Cactus Wren	07130	1					Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						
Blue-gry Gnatcatcher	07510						Mig?						

3499

VEHICLES

Excessive Noise:

1

1

1

1

1

Check box if
non-breeder.SCAN FORM
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Species	AOU	Stops					Species	AOU	Stops				
		26	27	28	29	30			26	27	28	29	30
Scaled Quail	02930			1			Blk-tail Gnatcatcher	07520					
Turkey Vulture	03250			1			Northern Mockingbird	07030					3
Swainson's Hawk	03420						Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Golden Eagle	03490						Yellow-breasted Chat	06830					
Killdeer	02730						Ruf-crowned Sparrow	05800		2			
Eur Collared-Dove	22860						Canyon Towhee	05910					
White-winged Dove	03190						Cassin's Sparrow	05780					
Mourning Dove	03160	2					Chipping Sparrow	05600					
Greater Roadrunner	03850						Lark Sparrow	05520					
Great Horned Owl	03750						Blk-throated Sparrow	05730			4	2	1
Elf Owl	03810						Lark Bunting	06050					
Lesser Nighthawk	04210						Summer Tanager	06100					
Common Nighthawk	04200						Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940		1			1
White-throated Swift	04250						Blk-headed Grosbeak	05960					
Blk-chin Hummingbird	04290						Blue Grosbeak	05970			1		2
Ladder-back Woodpr	03960						Varied Bunting	06000					
unid Empidonax Fly	04679						Painted Bunting	06010					
Say's Phoebe	04570						Eastern Meadowlark	05010					
Vermillion Flycatcher	04710						Western Meadowlark	05011					
Ash-throat Flycatcher	04540						Bronzed Cowbird	04960					
Cassin's Kingbird	04480						Brn-headed Cowbird	04950					
Western Kingbird	04470						Orchard Oriole	05060					
Loggerhead Shrike	06220						Scott's Oriole	05040					
Bell's Vireo	06330						House Finch	05190					
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860						House Sparrow	06882					
N Rgh-wing Swallow	06170						Mig?						
Cliff Swallow	06120						Mig?						
Barn Swallow	06130						Mig?						
Verdin	07460					1	Mig?						
Cactus Wren	07130	1				1	Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190					1	Mig?						
Blue-gry Gnatcatcher	07510						Mig?						

3499

VEHICLES

Excessive Noise:

☐	☐	☐	☐	☐
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Check box if
non-breeder.SCAN FORM
Page 8

Species	AOU	Stops					Species	AOU	Stops				
		31	32	33	34	35			31	32	33	34	35
Scaled Quail	02930	2		2			Blk-tail Gnatcatcher	07520					
Turkey Vulture	03250	1		1	1		Northern Mockingbird	07030	2	1			
Swainson's Hawk	03420						Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Golden Eagle	03490						Yellow-breasted Chat	06830					
Killdeer	02730						Ruf-crowned Sparrow	05800					
Eur Collared-Dove	22860						Canyon Towhee	05910					
White-winged Dove	03190						Cassin's Sparrow	05780					
Mourning Dove	03160						Chipping Sparrow	05600					
Greater Roadrunner	03850						Lark Sparrow	05520					
Great Horned Owl	03750						Blk-throated Sparrow	05730	3	4	3		3
Elf Owl	03810						Lark Bunting	06050					
Lesser Nighthawk	04210						Summer Tanager	06100					
Common Nighthawk	04200						Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940	1	1	2		2
White-throated Swift	04250						Blk-headed Grosbeak	05960					
Blk-chin Hummingbird	04290						Blue Grosbeak	05970					
Ladder-back Woodpr	03960						Varied Bunting	06000					
unid Empidonax Fly	04679						Painted Bunting	06010					
Say's Phoebe	04570						Eastern Meadowlark	05010					
Vermilion Flycatcher	04710						Western Meadowlark	05011					
Ash-throat Flycatcher	04540		1				Bronzed Cowbird	04960					
Cassin's Kingbird	04480						Brn-headed Cowbird	04950					
Western Kingbird	04470						Orchard Oriole	05060					
Loggerhead Shrike	06220						Scott's Oriole	05040					1
Bell's Vireo	06330						House Finch	05190					
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860						House Sparrow	06882				5	
N Rgh-wing Swallow	06170						Mig?						
Cliff Swallow	06120						Mig?						
Barn Swallow	06130						Mig?						
Verdin	07460			2			Mig?						
Cactus Wren	07130		2	1		2	Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190			1			Mig?						
Blue-gry Gnatcatcher	07510						Mig?						

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VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

3

1

Check box if
non-breeder.SCAN FORM
Page 9

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Species	AOU	Stops					Species	AOU	Stops				
		36	37	38	39	40			36	37	38	39	40
Scaled Quail	02930	1	1		1		Blk-tail Gnatcatcher	07520					
Turkey Vulture	03250	3					Northern Mockingbird	07030		1	1	2	
Swainson's Hawk	03420						Curve-billed Thrasher	07070	1				
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Golden Eagle	03490						Yellow-breasted Chat	06830					
Killdeer	02730						Ruf-crowned Sparrow	05800					
Eur Collared-Dove	22860						Canyon Towhee	05910					
White-winged Dove	03190						Cassin's Sparrow	05780					
Mourning Dove	03160						Chipping Sparrow	05600					
Greater Roadrunner	03850						Lark Sparrow	05520					
Great Horned Owl	03750						Blk-throated Sparrow	05730	1	1	1	2	1
Elf Owl	03810						Lark Bunting	06050					
Lesser Nighthawk	04210						Summer Tanager	06100					
Common Nighthawk	04200						Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940					
White-throated Swift	04250						Blk-headed Grosbeak	05960					
Blk-chin Hummingbird	04290						Blue Grosbeak	05970		1			
Ladder-back Woodpr	03960						Varied Bunting	06000					
unid Empidonax Fly	04679						Painted Bunting	06010					
Say's Phoebe	04570						Eastern Meadowlark	05010					
Vermilion Flycatcher	04710						Western Meadowlark	05011					
Ash-throat Flycatcher	04540						Bronzed Cowbird	04960					
Cassin's Kingbird	04480						Brn-headed Cowbird	04950					
Western Kingbird	04470						Orchard Oriole	05060					
Loggerhead Shrike	06220						Scott's Oriole	05040					
Bell's Vireo	06330						House Finch	05190					
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860						House Sparrow	06882					
N Rgh-wing Swallow	06170						Mig?						
Cliff Swallow	06120						Mig?						
Barn Swallow	06130						Mig?						
Verdin	07460					1	Mig?						
Cactus Wren	07130	2					Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						
Blue-gry Gnatcatcher	07510						Mig?						

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VEHICLES

Excessive Noise:

☐ ☒ ☐ ☐ ☐

Check box if non-breeder.

SCAN FORM
Page 10

Species	AOU	Stops					Species	AOU	Stops				
		41	42	43	44	45			41	42	43	44	45
Scaled Quail	02930					1	Blk-tail Gnatcatcher	07520					
Turkey Vulture	03250		1				Northern Mockingbird	07030	1		1		
Swainson's Hawk	03420						Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Golden Eagle	03490						Yellow-breasted Chat	06830					
Killdeer	02730						Ruf-crowned Sparrow	05800		2	2		
Eur Collared-Dove	22860						Canyon Towhee	05910				1	
White-winged Dove	03190						Cassin's Sparrow	05780					
Mourning Dove	03160						Chipping Sparrow	05600					
Greater Roadrunner	03850						Lark Sparrow	05520					
Great Horned Owl	03750						Blk-throated Sparrow	05730			1	3	1
Elf Owl	03810						Lark Bunting	06050					
Lesser Nighthawk	04210						Summer Tanager	06100					
Common Nighthawk	04200						Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940				2	
White-throated Swift	04250						Blk-headed Grosbeak	05960					
Blk-chin Hummingbird	04290						Blue Grosbeak	05970				1	
Ladder-back Woodpr	03960						Varied Bunting	06000					
unid Empidonax Fly	04679						Painted Bunting	06010					
Say's Phoebe	04570						Eastern Meadowlark	05010					
Vermilion Flycatcher	04710						Western Meadowlark	05011					
Ash-throat Flycatcher	04540						Bronzed Cowbird	04960					
Cassin's Kingbird	04480						Brn-headed Cowbird	04950					
Western Kingbird	04470						Orchard Oriole	05060					
Loggerhead Shrike	06220						Scott's Oriole	05040	1				1
Bell's Vireo	06330						House Finch	05190					
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860						House Sparrow	06882					
N Rgh-wing Swallow	06170						Mig? ☐						
Cliff Swallow	06120						Mig? ☐						
Barn Swallow	06130						Mig? ☐						
Verdin	07460	1		1		2	Mig? ☐						
Cactus Wren	07130			1	2	1	Mig? ☐						
Rock Wren	07150						Mig? ☐						
Canyon Wren	07170						Mig? ☐						
Bewick's Wren	07190						Mig? ☐						
Blue-gry Gnatcatcher	07510						Mig? ☐						

3499

VEHICLES

2

1

1

0

0

2

Check box if
non-breeder.SCAN FORM
Page 11

Excessive Noise:

0

0

0

0

0

End Time: 10:26

End Temp: 92

End Sky: 1

End Wind: 0

Species	AOU	Stops					Species	AOU	Stops				
		46	47	48	49	50			46	47	48	49	50
Scaled Quail	02930	2					Blk-tail Gnatcatcher	07520					
Turkey Vulture	03250	2			2	2	Northern Mockingbird	07030	1		1		
Swainson's Hawk	03420				1		Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Golden Eagle	03490						Yellow-breasted Chat	06830					
Killdeer	02730						Ruf-crowned Sparrow	05800					
Eur Collared-Dove	22860						Canyon Towhee	05910					
White-winged Dove	03190						Cassin's Sparrow	05780					
Mourning Dove	03160						Chipping Sparrow	05600					
Greater Roadrunner	03850				1		Lark Sparrow	05520					
Great Horned Owl	03750						Blk-throated Sparrow	05730		2		1	1
Elf Owl	03810						Lark Bunting	06050					
Lesser Nighthawk	04210						Summer Tanager	06100					
Common Nighthawk	04200						Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940				1	1
White-throated Swift	04250						Blk-headed Grosbeak	05960					
Blk-chin Hummingbird	04290						Blue Grosbeak	05970		1			
Ladder-back Woodpr	03960						Varied Bunting	06000					
unid Empidonax Fly	04679						Painted Bunting	06010					
Say's Phoebe	04570						Eastern Meadowlark	05010					
Vermilion Flycatcher	04710						Western Meadowlark	05011					
Ash-throat Flycatcher	04540						Bronzed Cowbird	04960					
Cassin's Kingbird	04480						Brn-headed Cowbird	04950					
Western Kingbird	04470						Orchard Oriole	05060					
Loggerhead Shrike	06220						Scott's Oriole	05040		1			
Bell's Vireo	06330						House Finch	05190					
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860	4				1	House Sparrow	06882					
N Rgh-wing Swallow	06170						Mig?						
Cliff Swallow	06120						Mig?						
Barn Swallow	06130						Mig?						
Verdin	07460				1	1	Mig?						
Cactus Wren	07130			1			Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						
Blue-gry Gnatcatcher	07510						Mig?						

3499

VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check box if non-breeder.

SCAN FORM
Page 12

Route Summary

MARK FLIPPO

Route Summary

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

Route Summary Information

Date Route Run: 05/29/2013
Start Time: 06:24
End Time: 10:37
Start Temp: 68 °F
End Temp: 85 °F
Start Wind: 2-Wind felt on face; leaves rustle [4-7 mph, 6-12 Kph]
End Wind: 2-Wind felt on face; leaves rustle [4-7 mph, 6-12 Kph]
Start Sky: 0-Clear or few clouds
End Sky: 1-Partly cloudy (scattered) or variable sky

10 Stop Totals

Species	1-10	11-20	21-30	31-40	41-50	Total ind.	Total Stops
Scaled Quail	0	1	0	0	2	3	3
Turkey Vulture	0	9	3	2	1	15	7
Swainson's Hawk	0	0	0	0	1	1	1
White-winged Dove	2	0	0	0	0	2	2
Mourning Dove	0	0	1	2	6	9	5
White-throated Swift	2	0	0	0	0	2	1
Say's Phoebe	1	0	0	0	0	1	1
Ash-throated Flycatcher	0	2	2	1	0	5	5
Bell's Vireo	0	0	5	5	2	12	8
Black-capped Vireo	2	1	0	0	0	3	2
Mexican Jay	10	0	0	0	0	10	3
Common Raven	0	3	0	0	0	3	2
Black-crested Titmouse	4	0	0	0	0	4	2
Verdin	0	5	2	4	3	14	13
Cactus Wren	1	8	0	0	4	13	10
Canyon Wren	2	0	0	0	0	2	2
Bewick's Wren	4	5	0	0	0	9	4
Blue-gray Gnatcatcher	6	0	0	0	0	6	4
Black-tailed Gnatcatcher	0	0	1	1	1	3	3
Northern Mockingbird	11	6	1	2	11	31	20
Yellow-breasted Chat	0	0	0	0	2	2	2
Spotted Towhee	4	0	0	0	0	4	2
Rufous-crowned Sparrow	15	1	0	0	0	16	6
Canyon Towhee	7	1	0	0	0	8	6
Cassin's Sparrow	0	0	0	0	1	1	1
Black-chinned Sparrow	6	0	0	0	0	6	2
Black-throated Sparrow	0	25	14	7	8	54	25
Hepatic Tanager	2	0	0	0	0	2	2
Pyrrhuloxia	0	8	6	2	2	18	12
Black-headed Grosbeak	7	0	0	0	0	7	5
Blue Grosbeak	9	1	0	1	3	14	10

Varied Bunting	1	0	0	0	0	1	1
Painted Bunting	0	0	0	0	1	1	1
Brown-headed Cowbird	0	0	2	2	0	4	2
Scott's Oriole	6	0	0	2	1	9	7
House Finch	0	3	1	0	2	6	3
Total Species : 36	Total ind. : 301						
Vehicles	2	5	1	1	4	13	11
Noise	0	0	0	0	0	0	0

Stop 4: BC vireo pair. male singing, female calling. Male visible throughout observation period and female appeared twice. BC vireo population small but stable in Big Bend NP, a rare but expected breeding species.

Stop 11: BC vireo male, singing. Not unusual to have BC vireo in Green Gulch, but this individual was at slightly lower elevation than expected.

Stop 43: Swainson's hawk on nest in large yucca, visible from road. After survey was completed, I returned to investigate and observed a downy nestling. Swainson's is a common spring and fall migrant through the Big Bend, a known breeding bird in west Texas and northern Mexico but, to my knowledge, not previously documented nesting in Big Bend National Park.

Please complete numbered items below after surveying route.

Observer #

F 0 1 7 1

is currently assigned to BBS route

8 3 9 0 0

CHISOS BASIN

VALID SURVEY DATES AND START TIME

This route can be surveyed
between the following dates:

Start date (mm/dd) 5/7

End date (mm/dd) 6/30

Start time is
exactly one-half
hour before
sunrise:

0624

COMPLETE STEPS 1-10

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

05/29/2013

2. Start time (hh:mm)

06:24

3. Start temp

068

☐ Celsius
☒ Fahrenheit

4. Start sky

0 1 2 4 5 7 8
☒ ☐ ☐ ☐ ☐ ☐ ☐

5. Start wind

0 1 2 3 4 5
☐ ☐ ☒ ☐ ☐ ☐

6. End time

10:37

7. End temp

85

8. End sky

0 1 2 4 5 7 8
☐ ☒ ☐ ☐ ☐ ☐ ☐

9. End wind

0 1 2 3 4 5
☐ ☐ ☒ ☐ ☐ ☐

10. Was the route completed?

Y N

If you answered no, how
many stops were completed (0-49):☒

COMPLETE STEPS 11-16

11. Were number of passing vehicles recorded during count?

Y N

☒ ☐12. Is the name of the observer who performed this survey
shown in the 'assigned observer' box at the bottom of page?

Y N

☒ ☐

If you answered yes, is the contact info correct?

Y N

☒ ☐If you answered no to either of these questions, please
complete the reverse side of this page.13. Did the observer have an assistant to help with
logistics? If yes, please provide assistant's first and
last name below:

Y N

☐ ☒

Name:

Did this assistant record the data?

Y N

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

09

Assistant's
Hours15. Was the observer paid or otherwise compensated by
their employer to survey this route?

Y N

☒ ☐

16. Does the observer intend to survey the route next year?

Y N

☒ ☐If no, please use the comment form to indicate why and,
if possible, provide the name and contact information of
a potential replacement.

Contact Information:

Use Reverse Side To Make Corrections

4323712348

markrflippo@gmail.com

Assigned BBS observer:

MARK R FLIPPO

PO BOX 99

Terlingua

TX 79852

United States

Office use only

840 2013

PAPERWORK REDUCTION ACT STATEMENT: A Federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control Number. Public burden for the collection of this information is estimated to average eleven hours per response. Comments regarding this collection of information should be directed to the Bureau Clearance Officer, U.S. Geological Survey, 807 National Center, Virginia 20192. OMB NO. 1028-0079 Expiration Date: 9/30/2015

RPID

3625

101

SCAN FORM
Page 1

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

First Name

M.I.

Last Name

Nickname (if applicable)

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

- If you will not be able to conduct the survey, please contact your local BBS coordinator or national office ASAP.
- Select a run date within the window of acceptable dates provided on the reverse side. Routes must be run under satisfactory weather conditions, good visibility, little or no precipitation, light winds. Make notes of stops where weather deviates.
- START EXACTLY ONE-HALF HOUR BEFORE SUNRISE. Official start time is printed on the reverse side.
- Routes should be completed within 4 - 5 hours. Observers should count birds for *exactly* 3 minutes at each stop; birds seen before or after the 3-minute count period, or while traveling between stops, must *not* be counted, but may be noted in the comments section.
- ONE AND ONLY ONE PERSON, THE OBSERVER, IS PERMITTED TO IDENTIFY AND COUNT BIRDS.
- Count all individuals except young who are still dependent on their parents for food and/or protection (e.g., do not count begging fledgling, the downy chicks of precocial species, etc.).
- Count all birds within 1/4 mile (0.4 km) or heard at any distance during the 3-minute count period. Observers should avoid counting individuals already counted on previous stops.
- Write in any species not already listed on the form. Provide documentation for all write-ins not typically found in the area (check a field guide map if unsure). Check the "Mig?" box if the species is not known to breed in the survey area.
- Please note the number of vehicles that pass, on the route's road *only*, during each 3-min stop. If you feel that constant excessive noise other than passing vehicles (e.g., a nearby lawnmower, stream noise, distant roadway, etc.) seriously impaired your ability to hear birds at a particular stop, please fill in the "excessive noise" bubble.

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 ServiceCodesSky 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!

8811333827

Official Start Time: 0624

840 83900 CHISOS BASIN

101

Date (mm/dd/yyyy)

Your Start Time: 0624

Start Temp: 68

Observer's Name:

05 / 29 / 2013

Start Sky: 0

Start Wind: 2

Mark Flippo

Stops							Stops						
Species	AOU	1	2	3	4	5	Species	AOU	1	2	3	4	5
Scaled Quail	02930						Blue-gry Gnatcatcher	07510		2	2		
Turkey Vulture	03250						Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030	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						Common Yellowthroat	06810					
Elf Owl	03810						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Spotted Towhee	05880					2
Common Nighthawk	04200						Ruf-crowned Sparrow	05800	4	3	1		
Common Poorwill	04180						Canyon Towhee	05910	1	2		1	1
White-throated Swift	04250						Cassin's Sparrow	05780					
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650				4	
Acorn Woodpecker	04070						Blk-throated Sparrow	05730					
Ladder-back Woodprk	03960						Lark Bunting	06050					
Western Wood-Pewee	04620						Hepatic Tanager	06090	1				1
Say's Phoebe	04570	1					Summer Tanager	06100					
Vermilion Flycatcher	04710						Pyrrhuloxia	05940					
Ash-throat Flycatcher	04540						Blk-headed Grosbeak	05960	2	2	1		1
Cassin's Kingbird	04480						Blue Grosbeak	05970		1	2	2	
Western Kingbird	04470						Varied Bunting	06000		1			
Loggerhead Shrike	06220						Painted Bunting	06010					
Bell's Vireo	06330						Western Meadowlark	05011					
Black-capped Vireo	06300				2		Bronzed Cowbird	04960					
Gray Vireo	06340						Brn-headed Cowbird	04950					
Mexican Jay	04820	3				5	Scott's Oriole	05040	2	2		1	1
Chihuahuan Raven	04870						House Finch	05190					
Common Raven	04860						Lesser Goldfinch	05300					
Cliff Swallow	06120						Mig? ☐						
Barn Swallow	06130						Mig? ☐						
Blk-crested Titmouse	07320					2	Mig? ☐						
Verdin	07460						Mig? ☐						
Bushtit	07430						Mig? ☐						
Cactus Wren	07130			1			Mig? ☐						
Rock Wren	07150						Mig? ☐						
Canyon Wren	07170						Mig? ☐						
Bewick's Wren	07190						Mig? ☐						

3625

VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check box if non-breeder.

SCAN FORM
Page 3

Species	AOU	Stops					Species	AOU	Stops				
		6	7	8	9	10			6	7	8	9	10
Scaled Quail	02930						Blue-gry Gnatcatcher	07510		1		1	
Turkey Vulture	03250						Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030		1	2	2	2
White-winged Dove	03190					1	Curve-billed Thrasher	07070					
Mourning Dove	03160						Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Common Yellowthroat	06810					
Elf Owl	03810						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Spotted Towhee	05880		2			
Common Nighthawk	04200						Ruf-crowned Sparrow	05800		4		3	
Common Poorwill	04180						Canyon Towhee	05910		2			
White-throated Swift	04250	2					Cassin's Sparrow	05780					
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650				2	
Acorn Woodpecker	04070						Blk-throated Sparrow	05730					
Ladder-back Woodpkr	03960						Lark Bunting	06050					
Western Wood-Pewee	04620						Hepatic Tanager	06090					
Say's Phoebe	04570						Summer Tanager	06100					
Vermilion Flycatcher	04710						Pyrrhuloxia	05940					
Ash-throat Flycatcher	04540						Blk-headed Grosbeak	05960		1			
Cassin's Kingbird	04480						Blue Grosbeak	05970		1	2		1
Western Kingbird	04470						Varied Bunting	06000					
Loggerhead Shrike	06220						Painted Bunting	06010					
Bell's Vireo	06330						Western Meadowlark	05011					
Black-capped Vireo	06300						Bronzed Cowbird	04960					
Gray Vireo	06340						Brn-headed Cowbird	04950					
Mexican Jay	04820	2					Scott's Oriole	05040					
Chihuahuan Raven	04870						House Finch	05190					
Common Raven	04860						Lesser Goldfinch	05300					
Cliff Swallow	06120						Mig?						
Barn Swallow	06130						Mig?						
Blk-crested Titmouse	07320		2				Mig?						
Verdin	07460						Mig?						
Bushtit	07430						Mig?						
Cactus Wren	07130						Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170	1	1				Mig?						
Bewick's Wren	07190					4	Mig?						

3625

VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check box if non-breeder.


 SCAN FORM
 Page 4

Species	AOU	Stops					Species	AOU	Stops				
		11	12	13	14	15			11	12	13	14	15
Scaled Quail	02930				1		Blue-gry Gnatcatcher	07510					
Turkey Vulture	03250	8					Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030	1	3			
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160						Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Common Yellowthroat	06810					
Elf Owl	03810						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Spotted Towhee	05880					
Common Nighthawk	04200						Ruf-crowned Sparrow	05800	1				
Common Poorwill	04180						Canyon Towhee	05910		1			
White-throated Swift	04250						Cassin's Sparrow	05780					
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Acorn Woodpecker	04070						Blk-throated Sparrow	05730		4	3	5	3
Ladder-back Woodpkr	03960						Lark Bunting	06050					
Western Wood-Pewee	04620						Hepatic Tanager	06090					
Say's Phoebe	04570						Summer Tanager	06100					
Vermilion Flycatcher	04710						Pyrrhuloxia	05940			2		2
Ash-throat Flycatcher	04540	1			1		Blk-headed Grosbeak	05960					
Cassin's Kingbird	04480						Blue Grosbeak	05970					
Western Kingbird	04470						Varied Bunting	06000					
Loggerhead Shrike	06220						Painted Bunting	06010					
Bell's Vireo	06330						Western Meadowlark	05011					
Black-capped Vireo	06300	1					Bronzed Cowbird	04960					
Gray Vireo	06340						Brn-headed Cowbird	04950					
Mexican Jay	04820						Scott's Oriole	05040					
Chihuahuan Raven	04870						House Finch	05190	3				
Common Raven	04860	1					Lesser Goldfinch	05300					
Cliff Swallow	06120						Mig?						
Barn Swallow	06130						Mig?						
Blk-crested Titmouse	07320						Mig?						
Verdin	07460			1	1		Mig?						
Bushtit	07430						Mig?						
Cactus Wren	07130	1	1	2			Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190			2	2	1	Mig?						

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VEHICLES

Excessive Noise:

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 Check box if
non-breeder.

 SCAN FORM
Page 5

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Species	AOU	Stops					Species	AOU	Stops				
		16	17	18	19	20			16	17	18	19	20
Scaled Quail	02930						Blue-gry Gnatcatcher	07510					
Turkey Vulture	03250					1	Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030		1	1		
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160						Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Common Yellowthroat	06810					
Elf Owl	03810						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Spotted Towhee	05880					
Common Nighthawk	04200						Ruf-crowned Sparrow	05800					
Common Poorwill	04180						Canyon Towhee	05910					
White-throated Swift	04250						Cassin's Sparrow	05780					
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Acorn Woodpecker	04070						Blk-throated Sparrow	05730	4	1	4	1	
Ladder-back Woodpkr	03960						Lark Bunting	06050					
Western Wood-Pewee	04620						Hepatic Tanager	06090					
Say's Phoebe	04570						Summer Tanager	06100					
Vermilion Flycatcher	04710						Pyrrhuloxia	05940	1		2		1
Ash-throat Flycatcher	04540						Blk-headed Grosbeak	05960					
Cassin's Kingbird	04480						Blue Grosbeak	05970					1
Western Kingbird	04470						Varied Bunting	06000					
Loggerhead Shrike	06220						Painted Bunting	06010					
Bell's Vireo	06330						Western Meadowlark	05011					
Black-capped Vireo	06300						Bronzed Cowbird	04960					
Gray Vireo	06340						Brn-headed Cowbird	04950					
Mexican Jay	04820						Scott's Oriole	05040					
Chihuahuan Raven	04870						House Finch	05190					
Common Raven	04860		2				Lesser Goldfinch	05300					
Cliff Swallow	06120						Mig?						
Barn Swallow	06130						Mig?						
Blk-crested Titmouse	07320						Mig?						
Verdin	07460			1	1	1	Mig?						
Bushtit	07430						Mig?						
Cactus Wren	07130		2		2		Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						

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VEHICLES

Excessive Noise:

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Check box if
non-breeder.SCAN FORM
Page 6

Species	AOU	Stops					Species	AOU	Stops				
		21	22	23	24	25			21	22	23	24	25
Scaled Quail	02930						Blue-gry Gnatcatcher	07510					
Turkey Vulture	03250					2	Blk-tail Gnatcatcher	07520	1				
Red-tailed Hawk	03370						Northern Mockingbird	07030					
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160						Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Common Yellowthroat	06810					
Elf Owl	03810						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Spotted Towhee	05880					
Common Nighthawk	04200						Ruf-crowned Sparrow	05800					
Common Poorwill	04180						Canyon Towhee	05910					
White-throated Swift	04250						Cassin's Sparrow	05780					
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Acorn Woodpecker	04070						Blk-throated Sparrow	05730		2	1		5
Ladder-back Woodpkr	03960						Lark Bunting	06050					
Western Wood-Pewee	04620						Hepatic Tanager	06090					
Say's Phoebe	04570						Summer Tanager	06100					
Vermilion Flycatcher	04710						Pyrrhuloxia	05940	1		2	2	1
Ash-throat Flycatcher	04540						Blk-headed Grosbeak	05960					
Cassin's Kingbird	04480						Blue Grosbeak	05970					
Western Kingbird	04470						Varied Bunting	06000					
Loggerhead Shrike	06220						Painted Bunting	06010					
Bell's Vireo	06330	2		2	1		Western Meadowlark	05011					
Black-capped Vireo	06300						Bronzed Cowbird	04960					
Gray Vireo	06340						Brn-headed Cowbird	04950					
Mexican Jay	04820						Scott's Oriole	05040					
Chihuahuan Raven	04870						House Finch	05190		1			
Common Raven	04860						Lesser Goldfinch	05300					
Cliff Swallow	06120						Mig?						
Barn Swallow	06130						Mig?						
Blk-crested Titmouse	07320						Mig?						
Verdin	07460			2			Mig?						
Bushtit	07430						Mig?						
Cactus Wren	07130						Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						

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VEHICLES

Excessive Noise:

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Check box if
non-breeder.SCAN FORM
Page 7

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Species	AOU	Stops					Species	AOU	Stops				
		26	27	28	29	30			26	27	28	29	30
Scaled Quail	02930						Blue-gry Gnatcatcher	07510					
Turkey Vulture	03250						Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030					
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160						Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Common Yellowthroat	06810					
Elf Owl	03810						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Spotted Towhee	05880					
Common Nighthawk	04200						Ruf-crowned Sparrow	05800					
Common Poorwill	04180						Canyon Towhee	05910					
White-throated Swift	04250						Cassin's Sparrow	05780					
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Acorn Woodpecker	04070						Blk-throated Sparrow	05730	2	2		1	1
Ladder-back Woodpkr	03960						Lark Bunting	06050					
Western Wood-Pewee	04620						Hepatic Tanager	06090					
Say's Phoebe	04570						Summer Tanager	06100					
Vermilion Flycatcher	04710						Pyrrhuloxia	05940					
Ash-throat Flycatcher	04540						Blk-headed Grosbeak	05960					
Cassin's Kingbird	04480						Blue Grosbeak	05970					
Western Kingbird	04470						Varied Bunting	06000					
Loggerhead Shrike	06220						Painted Bunting	06010					
Bell's Vireo	06330						Western Meadowlark	05011					
Black-capped Vireo	06300						Bronzed Cowbird	04960					
Gray Vireo	06340						Brn-headed Cowbird	04950		2			
Mexican Jay	04820						Scott's Oriole	05040					
Chihuahuan Raven	04870						House Finch	05190					
Common Raven	04860						Lesser Goldfinch	05300					
Cliff Swallow	06120						Mig?						
Barn Swallow	06130						Mig?						
Blk-crested Titmouse	07320						Mig?						
Verdin	07460						Mig?						
Bushtit	07430						Mig?						
Cactus Wren	07130						Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						

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VEHICLES

Excessive Noise:

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Check box if non-breeder.

SCAN FORM
Page 8

Species	AOU	Stops					Species	AOU	Stops				
		31	32	33	34	35			31	32	33	34	35
Scaled Quail	02930						Blue-gry Gnatcatcher	07510					
Turkey Vulture	03250						Blk-tail Gnatcatcher	07520	1				
Red-tailed Hawk	03370						Northern Mockingbird	07030					
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160	1					Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Common Yellowthroat	06810					
Elf Owl	03810						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Spotted Towhee	05880					
Common Nighthawk	04200						Ruf-crowned Sparrow	05800					
Common Poorwill	04180						Canyon Towhee	05910					
White-throated Swift	04250						Cassin's Sparrow	05780					
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Acorn Woodpecker	04070						Blk-throated Sparrow	05730	2		2		1
Ladder-back Woodpkr	03960						Lark Bunting	06050					
Western Wood-Pewee	04620						Hepatic Tanager	06090					
Say's Phoebe	04570						Summer Tanager	06100					
Vermilion Flycatcher	04710						Pyrrhuloxia	05940		2			
Ash-throat Flycatcher	04540						Blk-headed Grosbeak	05960					
Cassin's Kingbird	04480						Blue Grosbeak	05970		1			
Western Kingbird	04470						Varied Bunting	06000					
Loggerhead Shrike	06220						Painted Bunting	06010					
Bell's Vireo	06330	1					Western Meadowlark	05011					
Black-capped Vireo	06300						Bronzed Cowbird	04960					
Gray Vireo	06340						Brn-headed Cowbird	04950					
Mexican Jay	04820						Scott's Oriole	05040		1			
Chihuahuan Raven	04870						House Finch	05190					
Common Raven	04860						Lesser Goldfinch	05300					
Cliff Swallow	06120						Mig?!						
Barn Swallow	06130						Mig?!						
Blk-crested Titmouse	07320						Mig?!						
Verdin	07460	1					Mig?!						
Bushtit	07430						Mig?!						
Cactus Wren	07130						Mig?!						
Rock Wren	07150						Mig?!						
Canyon Wren	07170						Mig?!						
Bewick's Wren	07190						Mig?!						

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VEHICLES

Excessive Noise:

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Check box if non-breeder.

SCAN FORM
Page 9

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Species	AOU	Stops					Species	AOU	Stops				
		36	37	38	39	40			36	37	38	39	40
Scaled Quail	02930						Blue-gray Gnatcatcher	07510					
Turkey Vulture	03250	1		1			Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030					2
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160		1				Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Common Yellowthroat	06810					
Elf Owl	03810						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Spotted Towhee	05880					
Common Nighthawk	04200						Ruf-crowned Sparrow	05800					
Common Poorwill	04180						Canyon Towhee	05910					
White-throated Swift	04250						Cassin's Sparrow	05780					
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Acorn Woodpecker	04070						Blk-throated Sparrow	05730	1			1	
Ladder-back Woodpr	03960						Lark Bunting	06050					
Western Wood-Pewee	04620						Hepatic Tanager	06090					
Say's Phoebe	04570						Summer Tanager	06100					
Vermilion Flycatcher	04710						Pyrrhuloxia	05940					
Ash-throat Flycatcher	04540				1		Blk-headed Grosbeak	05960					
Cassin's Kingbird	04480						Blue Grosbeak	05970					
Western Kingbird	04470						Varied Bunting	06000					
Loggerhead Shrike	06220						Painted Bunting	06010					
Bell's Vireo	06330			1		3	Western Meadowlark	05011					
Black-capped Vireo	06300						Bronzed Cowbird	04960					
Gray Vireo	06340						Brn-headed Cowbird	04950				2	
Mexican Jay	04820						Scott's Oriole	05040			1		
Chihuahuan Raven	04870						House Finch	05190					
Common Raven	04860						Lesser Goldfinch	05300					
Cliff Swallow	06120						Mig?						
Barn Swallow	06130						Mig?						
Blk-crested Titmouse	07320						Mig?						
Verdin	07460			1	1	1	Mig?						
Bushtit	07430						Mig?						
Cactus Wren	07130						Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						



Species	AOU	Stops					Species	AOU	Stops				
		41	42	43	44	45			41	42	43	44	45
Scaled Quail	02930						Blue-gry Gnatcatcher	07510					
Turkey Vulture	03250						Blk-tail Gnatcatcher	07520					1
Red-tailed Hawk	03370						Northern Mockingbird	07030		1	1		3
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160					3	Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Common Yellowthroat	06810					
Elf Owl	03810						Yellow-breasted Chat	06830	1		1		
Lesser Nighthawk	04210						Spotted Towhee	05880					
Common Nighthawk	04200						Ruf-crowned Sparrow	05800					
Common Poorwill	04180						Canyon Towhee	05910					
White-throated Swift	04250						Cassin's Sparrow	05780					
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Acorn Woodpecker	04070						Blk-throated Sparrow	05730				1	2
Ladder-back Woodpkr	03960						Lark Bunting	06050					
Western Wood-Pewee	04620						Hepatic Tanager	06090					
Say's Phoebe	04570						Summer Tanager	06100					
Vermilion Flycatcher	04710						Pyrrhuloxia	05940					1
Ash-throat Flycatcher	04540						Blk-headed Grosbeak	05960					
Cassin's Kingbird	04480						Blue Grosbeak	05970			2		
Western Kingbird	04470						Varied Bunting	06000					
Loggerhead Shrike	06220						Painted Bunting	06010				1	
Bell's Vireo	06330			1		1	Western Meadowlark	05011					
Black-capped Vireo	06300						Bronzed Cowbird	04960					
Gray Vireo	06340						Brn-headed Cowbird	04950					
Mexican Jay	04820						Scott's Oriole	05040				1	
Chihuahuan Raven	04870						House Finch	05190					
Common Raven	04860						Lesser Goldfinch	05300					
Cliff Swallow	06120						Mig? Swainson's hawk				1		
Barn Swallow	06130						Mig?						
Blk-crested Titmouse	07320						Mig?						
Verdin	07460			1	1	1	Mig?						
Bushtit	07430						Mig?						
Cactus Wren	07130		1	1			Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						

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VEHICLES

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Excessive Noise:

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Check box if non-breeder.

SCAN FORM
Page 11

Required

End Time: 1037

End Temp: 85

End Sky: 1

End Wind: 2

Species	AOU	Stops					Species	AOU	Stops				
		46	47	48	49	50			46	47	48	49	50
Scaled Quail	02930		1			1	Blue-gry Gnatcatcher	07510					
Turkey Vulture	03250		1				Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030	1	1	1	1	2
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160			3			Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Common Yellowthroat	06810					
Elf Owl	03810						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Spotted Towhee	05880					
Common Nighthawk	04200						Ruf-crowned Sparrow	05800					
Common Poorwill	04180						Canyon Towhee	05910					
White-throated Swift	04250						Cassin's Sparrow	05780			1		
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Acorn Woodpecker	04070						Blk-throated Sparrow	05730		2	2		1
Ladder-back Woodpkr	03960						Lark Bunting	06050					
Western Wood-Pewee	04620						Hepatic Tanager	06090					
Say's Phoebe	04570						Summer Tanager	06100					
Vermilion Flycatcher	04710						Pyrrhuloxia	05940	1				
Ash-throat Flycatcher	04540						Blk-headed Grosbeak	05960					
Cassin's Kingbird	04480						Blue Grosbeak	05970	1				
Western Kingbird	04470						Varied Bunting	06000					
Loggerhead Shrike	06220						Painted Bunting	06010					
Bell's Vireo	06330						Western Meadowlark	05011					
Black-capped Vireo	06300						Bronzed Cowbird	04960					
Gray Vireo	06340						Brn-headed Cowbird	04950					
Mexican Jay	04820						Scott's Oriole	05040					
Chihuahuan Raven	04870						House Finch	05190		2			
Common Raven	04860						Lesser Goldfinch	05300					
Cliff Swallow	06120						Mig?						
Barn Swallow	06130						Mig?						
Blk-crested Titmouse	07320						Mig?						
Verdin	07460						Mig?						
Bushtit	07430						Mig?						
Cactus Wren	07130			1	1		Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						

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VEHICLES

Excessive Noise:

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Check box if non-breeder.

SCAN FORM
Page 12

Route Summary

MARK FLIPPO

Route Summary							
Observer:	F0171 - MARK FLIPPO						
Route:	CASTOLON, TEXAS (83-319)						
Run Method:	101-Standard BBS						
Route Summary Information							
Date Route Run:	05/30/2013						
Start Time:	06:24						
End Time:	10:29						
Start Temp:	70 °F						
End Temp:	92 °F						
Start Wind:	0-Smoke rises vertically [<1 mph, <2 Kph]						
End Wind:	2-Wind felt on face; leaves rustle [4-7 mph, 6-12 Kph]						
Start Sky:	0-Clear or few clouds						
End Sky:	0-Clear or few clouds						
10 Stop Totals							
Species	1-10	11-20	21-30	31-40	41-50	Total ind.	Total Stops
Scaled Quail	0	5	1	1	1	8	7
Turkey Vulture	0	1	1	2	2	6	6
Red-tailed Hawk	1	0	0	0	0	1	1
White-winged Dove	9	0	1	1	0	11	7
Mourning Dove	20	2	0	4	0	26	12
Greater Roadrunner	0	1	0	0	0	1	1
Lesser Nighthawk	14	0	0	0	0	14	5
Ladder-backed Woodpecker	0	0	0	0	2	2	2
Ash-throated Flycatcher	6	2	3	1	1	13	11
Bell's Vireo	3	0	0	1	4	8	6
Verdin	0	0	1	3	3	7	6
Cactus Wren	0	6	4	1	1	12	11
Rock Wren	2	0	4	0	0	6	4
Canyon Wren	0	1	0	0	0	1	1
Black-tailed Gnatcatcher	0	0	1	0	0	1	1
Northern Mockingbird	1	3	7	6	4	21	15
Lucy's Warbler	1	0	0	0	0	1	1
Common Yellowthroat	1	0	0	0	0	1	1
Yellow-breasted Chat	11	0	0	0	5	16	8
Rufous-crowned Sparrow	0	1	0	6	0	7	4
Canyon Towhee	0	1	0	1	0	2	2
Black-throated Sparrow	14	17	16	7	8	62	33
Summer Tanager	3	0	0	0	0	3	3
Pyrrhuloxia	0	5	2	1	3	11	8
Blue Grosbeak	1	2	0	1	0	4	3
Painted Bunting	1	0	0	0	0	1	1
House Finch	5	4	2	2	2	15	10
Total Species : 27	Total ind. : 261						
Vehicles	0	1	0	1	13	15	9
Noise	0	0	0	0	0	0	0

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

This route can be surveyed
between the following dates:

Start date (mm/dd) 5 / 7

End date (mm/dd) 6 / 30

Start time is
exactly one-half
hour before
sunrise:

0624

COMPLETE STEPS 1-10

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

05 / 30 / 2013

2. Start time (hh:mm)

06 : 24

3. Start temp

070

☐ Celsius
☒ Fahrenheit

4. Start sky

0 1 2 4 5 7 8

☒ ☐ ☐ ☐ ☐ ☐ ☐

5. Start wind

0 1 2 3 4 5

☒ ☐ ☐ ☐ ☐ ☐

6. End time

10 : 29

7. End temp

92

8. End sky

0 1 2 4 5 7 8

☒ ☐ ☐ ☐ ☐ ☐ ☐

9. End wind

0 1 2 3 4 5

☐ ☐ ☒ ☐ ☐ ☐

10. Was the route completed?

Y N

If you answered no, how
many stops were completed (0-49):☒

COMPLETE STEPS 11-16

11. Were number of passing vehicles recorded during count?

Y N

☒ ☐12. Is the name of the observer who performed this survey
shown in the 'assigned observer' box at the bottom of page?

Y N

☒ ☐

If you answered yes, is the contact info correct?

Y N

☒ ☐If you answered no to either of these questions, please
complete the reverse side of this page.13. Did the observer have an assistant to help with
logistics? If yes, please provide assistant's first and
last name below:

Y N

☐ ☒

Name:

Did this assistant record the data?

Y N

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

09

Assistant's
Hours15. Was the observer paid or otherwise compensated by
their employer to survey this route?

Y N

☒ ☐

16. Does the observer intend to survey the route next year?

Y N

☒ ☐If no, please use the comment form to indicate why and,
if possible, provide the name and contact information of
a potential replacement.

Contact Information:

Use Reverse Side To Make Corrections

4323712348

markrflippo@gmail.com

Assigned BBS observer:

MARK R FLIPPO

PO BOX 99

Terlingua

TX 79852

United States

Office use only

840

2013

PAPERWORK REDUCTION ACT STATEMENT: A Federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control Number. Public burden for the collection of this information is estimated to average eleven hours per response. Comments regarding this collection of information should be directed to the Bureau Clearance Officer, U.S. Geological Survey, 807 National Center, Virginia 20192. OMB NO. 1028-0079 Expiration Date: 9/30/2015

RPID

3559

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SCAN FORM
Page 1

First Name

[illegible]

M.I. Last Name

[illegible]

Nickname (if applicable)

[illegible]

Mailing Address

[illegible]

City _____ St./Prov. _____ Zip/Postal Code _____

[illegible]

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

1. NAME _____

-If you will not be able to conduct the survey, please contact your local BBS coordinator or national office ASAP.

- Select a run date within the window of acceptable dates provided on the reverse side. Routes must be run under satisfactory weather conditions, good visibility, little or no precipitation, light winds. Make notes of stops where weather deviates.
- START EXACTLY ONE-HALF HOUR BEFORE SUNRISE. Official start time is printed on the reverse side.
- Routes should be completed within 4 - 5 hours. Observers should count birds for *exactly* 3 minutes at each stop; birds seen before or after the 3-minute count period, or while traveling between stops, must *not* be counted, but may be noted in the comments section.
- ONE AND ONLY ONE PERSON, THE OBSERVER, IS PERMITTED TO IDENTIFY AND COUNT BIRDS.
- Count all individuals except young who are still dependent on their parents for food and/or protection (e.g., do not count begging fledgling, the downy chicks of precocial species, etc.).
- Count all birds within 1/4 mile (0.4 km) or heard at any distance during the 3-minute count period. Observers should avoid counting individuals already counted on previous stops.
- Write in any species not already listed on the form. Provide documentation for all write-ins not typically found in the area (check a field guide map if unsure). Check the "Mig?" box if the species is not known to breed in the survey area.
- Please note the number of vehicles that pass, on the route's road *only*, during each 3-min stop. If you feel that constant excessive noise other than passing vehicles (e.g., a nearby lawnmower, stream noise, distant roadway, etc.) seriously impaired your ability to hear birds at a particular stop, please fill in the "excessive noise" bubble.

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

<u>Codes</u>	<u>Sky condition indicators</u>
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!



Official Start Time: 0624

Your Start Time: 0624

Start Temp: 70

Observer's Name:

Start Sky: 0

Start Wind: 0

Mark Flippo

Date (mm/dd/yyyy)

05 / 30 / 2013

Species	AOU	Stops					Species	AOU	Stops				
		1	2	3	4	5			1	2	3	4	5
Scaled Quail	02930						Crissal Thrasher	07120					
Turkey Vulture	03250						Phainopepla	06200					
Red-tailed Hawk	03370						Lucy's Warbler	06430			1		
Killdeer	02730						Common Yellowthroat	06810			1		
Eur Collared-Dove	22860						Yellow-breasted Chat	06830	1	4	4	2	
White-winged Dove	03190	1	1		5		Ruf-crowned Sparrow	05800					
Mourning Dove	03160	2	4	3	3		Canyon Towhee	05910					
Inca Dove	03210						Cassin's Sparrow	05780					
Yellow-billed Cuckoo	03870						Lark Sparrow	05520					
Greater Roadrunner	03850						Blk-throated Sparrow	05730	3	2	1	1	2
Great Horned Owl	03750						Summer Tanager	06100		1	1	1	
Elf Owl	03810						Northern Cardinal	05930					
Lesser Nighthawk	04210	2	6	2	2	2	Pyrrhuloxia	05940					
Common Nighthawk	04200						Blue Grosbeak	05970				1	
Common Poorwill	04180						Varied Bunting	06000					
White-throated Swift	04250						Painted Bunting	06010	1				
Gold-frnt Woodpecker	04100						Bronzed Cowbird	04960					
Ladder-back Woodpr	03960						Brn-headed Cowbird	04950					
Say's Phoebe	04570						Orchard Oriole	05060					
Vermilion Flycatcher	04710						Scott's Oriole	05040					
Ash-throat Flycatcher	04540	1		2	1		House Finch	05190					
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330				3								
Gray Vireo	06340												
Common Raven	04860												
N Rgh-wing Swallow	06170												
Cliff Swallow	06120						Mig?						
Verdin	07460						Mig?						
Cactus Wren	07130						Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						
Blk-tail Gnatcatcher	07520						Mig?						
Northern Mockingbird	07030				1		Mig?						
Curve-billed Thrasher	07070						Mig?						

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VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check box if non-breeder.

SCAN FORM
Page 3

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		Stops							Stops				
Species	AOU	6	7	8	9	10	Species	AOU	6	7	8	9	10
Scaled Quail	02930						Crissal Thrasher	07120					
Turkey Vulture	03250						Phainopepla	06200					
Red-tailed Hawk	03370					1	Lucy's Warbler	06430					
Killdeer	02730						Common Yellowthroat	06810					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830					
White-winged Dove	03190	1			1		Ruf-crowned Sparrow	05800					
Mourning Dove	03160	2	2		1	3	Canyon Towhee	05910					
Inca Dove	03210						Cassin's Sparrow	05780					
Yellow-billed Cuckoo	03870						Lark Sparrow	05520					
Greater Roadrunner	03850						Blk-throated Sparrow	05730	1				4
Great Horned Owl	03750						Summer Tanager	06100					
Elf Owl	03810						Northern Cardinal	05930					
Lesser Nighthawk	04210						Pyrrhuloxia	05940					
Common Nighthawk	04200						Blue Grosbeak	05970					
Common Poorwill	04180						Varied Bunting	06000					
White-throated Swift	04250						Painted Bunting	06010					
Gold-frnt Woodpecker	04100						Bronzed Cowbird	04960					
Ladder-back Woodpkr	03960						Brn-headed Cowbird	04950					
Say's Phoebe	04570						Orchard Oriole	05060					
Vermilion Flycatcher	04710						Scott's Oriole	05040					
Ash-throat Flycatcher	04540		1		1		House Finch	05190	1				4
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330												
Gray Vireo	06340												
Common Raven	04860												
N Rgh-wing Swallow	06170												
Cliff Swallow	06120						Mig?						
Verdin	07460						Mig?						
Cactus Wren	07130						Mig?						
Rock Wren	07150			2			Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						
Blk-tail Gnatcatcher	07520						Mig?						
Northern Mockingbird	07030						Mig?						
Curve-billed Thrasher	07070						Mig?						

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VEHICLES

Excessive Noise:

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

Species	AOU	Stops					Species	AOU	Stops				
		11	12	13	14	15			11	12	13	14	15
Scaled Quail	02930		1		1		Crissal Thrasher	07120					
Turkey Vulture	03250						Phainopepla	06200					
Red-tailed Hawk	03370						Lucy's Warbler	06430					
Killdeer	02730						Common Yellowthroat	06810					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830					
White-winged Dove	03190						Ruf-crowned Sparrow	05800					
Mourning Dove	03160		1	1			Canyon Towhee	05910					
Inca Dove	03210						Cassin's Sparrow	05780					
Yellow-billed Cuckoo	03870						Lark Sparrow	05520					
Greater Roadrunner	03850		1				Blk-throated Sparrow	05730	2		1	1	2
Great Horned Owl	03750						Summer Tanager	06100					
Elf Owl	03810						Northern Cardinal	05930					
Lesser Nighthawk	04210						Pyrrhuloxia	05940		1			
Common Nighthawk	04200						Blue Grosbeak	05970			2		
Common Poorwill	04180						Varied Bunting	06000					
White-throated Swift	04250						Painted Bunting	06010					
Gold-frnt Woodpecker	04100						Bronzed Cowbird	04960					
Ladder-back Woodpkr	03960						Brn-headed Cowbird	04950					
Say's Phoebe	04570						Orchard Oriole	05060					
Vermilion Flycatcher	04710						Scott's Oriole	05040					
Ash-throat Flycatcher	04540					1	House Finch	05190		1	2		
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330												
Gray Vireo	06340												
Common Raven	04860												
N Rgh-wing Swallow	06170												
Cliff Swallow	06120						Mig?						
Verdin	07460						Mig?						
Cactus Wren	07130			1			Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						
Blk-tail Gnatcatcher	07520						Mig?						
Northern Mockingbird	07030	1	1				Mig?						
Curve-billed Thrasher	07070						Mig?						

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VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check box if non-breeder.

SCAN FORM
Page 5

Species	AOU	Stops					Species	AOU	Stops				
		16	17	18	19	20			16	17	18	19	20
Scaled Quail	02930	1				2	Crissal Thrasher	07120					
Turkey Vulture	03250			1			Phainopepla	06200					
Red-tailed Hawk	03370						Lucy's Warbler	06430					
Killdeer	02730						Common Yellowthroat	06810					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830					
White-winged Dove	03190						Ruf-crowned Sparrow	05800			1		
Mourning Dove	03160						Canyon Towhee	05910				1	
Inca Dove	03210						Cassin's Sparrow	05780					
Yellow-billed Cuckoo	03870						Lark Sparrow	05520					
Greater Roadrunner	03850						Blk-throated Sparrow	05730	2	1	2	4	2
Great Horned Owl	03750						Summer Tanager	06100					
Elf Owl	03810						Northern Cardinal	05930					
Lesser Nighthawk	04210						Pyrrhuloxia	05940		1			3
Common Nighthawk	04200						Blue Grosbeak	05970					
Common Poorwill	04180						Varied Bunting	06000					
White-throated Swift	04250						Painted Bunting	06010					
Gold-fmt Woodpecker	04100						Bronzed Cowbird	04960					
Ladder-back Woodpkr	03960						Brn-headed Cowbird	04950					
Say's Phoebe	04570						Orchard Oriole	05060					
Vermilion Flycatcher	04710						Scott's Oriole	05040					
Ash-throat Flycatcher	04540		1				House Finch	05190			1		
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330												
Gray Vireo	06340												
Common Raven	04860												
N Rgh-wing Swallow	06170												
Cliff Swallow	06120						Mig?						
Verdin	07460						Mig?						
Cactus Wren	07130		1	1	1	2	Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170			1			Mig?						
Bewick's Wren	07190						Mig?						
Blk-tail Gnatcatcher	07520						Mig?						
Northern Mockingbird	07030			1			Mig?						
Curve-billed Thrasher	07070						Mig?						

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VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check box if non-breeder.

SCAN FORM
Page 6

Species	AOU	Stops					Species	AOU	Stops				
		21	22	23	24	25			21	22	23	24	25
Scaled Quail	02930						Crissal Thrasher	07120					
Turkey Vulture	03250			1			Phainopepla	06200					
Red-tailed Hawk	03370						Lucy's Warbler	06430					
Killdeer	02730						Common Yellowthroat	06810					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830					
White-winged Dove	03190						Ruf-crowned Sparrow	05800					
Mourning Dove	03160						Canyon Towhee	05910					
Inca Dove	03210						Cassin's Sparrow	05780					
Yellow-billed Cuckoo	03870						Lark Sparrow	05520					
Greater Roadrunner	03850						Blk-throated Sparrow	05730	2		2	2	1
Great Horned Owl	03750						Summer Tanager	06100					
Elf Owl	03810						Northern Cardinal	05930					
Lesser Nighthawk	04210						Pyrrhuloxia	05940		1			
Common Nighthawk	04200						Blue Grosbeak	05970					
Common Poorwill	04180						Varied Bunting	06000					
White-throated Swift	04250						Painted Bunting	06010					
Gold-frnt Woodpecker	04100						Bronzed Cowbird	04960					
Ladder-back Woodprk	03960						Brn-headed Cowbird	04950					
Say's Phoebe	04570						Orchard Oriole	05060					
Vermilion Flycatcher	04710						Scott's Oriole	05040					
Ash-throat Flycatcher	04540	1	2				House Finch	05190		1			
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330												
Gray Vireo	06340												
Common Raven	04860												
N Rgh-wing Swallow	06170												
Cliff Swallow	06120						Mig?						
Verdin	07460						Mig?						
Cactus Wren	07130	1		1			Mig?						
Rock Wren	07150	1		2			Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						
Blk-tail Gnatcatcher	07520	1					Mig?						
Northern Mockingbird	07030						Mig?						
Curve-billed Thrasher	07070						Mig?						

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VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check box if non-breeder.

SCAN FORM
Page 7

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Species	AOU	Stops					Species	AOU	Stops				
		26	27	28	29	30			26	27	28	29	30
Scaled Quail	02930			1			Crissal Thrasher	07120					
Turkey Vulture	03250						Phainopepla	06200					
Red-tailed Hawk	03370						Lucy's Warbler	06430					
Killdeer	02730						Common Yellowthroat	06810					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830					
White-winged Dove	03190					1	Ruf-crowned Sparrow	05800					
Mourning Dove	03160						Canyon Towhee	05910					
Inca Dove	03210						Cassin's Sparrow	05780					
Yellow-billed Cuckoo	03870						Lark Sparrow	05520					
Greater Roadrunner	03850						Blk-throated Sparrow	05730	1	2	2	2	2
Great Horned Owl	03750						Summer Tanager	06100					
Elf Owl	03810						Northern Cardinal	05930					
Lesser Nighthawk	04210						Pyrrhuloxia	05940		1			
Common Nighthawk	04200						Blue Grosbeak	05970					
Common Poorwill	04180						Varied Bunting	06000					
White-throated Swift	04250						Painted Bunting	06010					
Gold-front Woodpecker	04100						Bronzed Cowbird	04960					
Ladder-back Woodpkr	03960						Brn-headed Cowbird	04950					
Say's Phoebe	04570						Orchard Oriole	05060					
Vermilion Flycatcher	04710						Scott's Oriole	05040					
Ash-throat Flycatcher	04540						House Finch	05190				1	
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330												
Gray Vireo	06340												
Common Raven	04860												
N Rgh-wing Swallow	06170												
Cliff Swallow	06120						Mig? ☐						
Verdin	07460	1					Mig? ☐						
Cactus Wren	07130			1	1		Mig? ☐						
Rock Wren	07150					1	Mig? ☐						
Canyon Wren	07170						Mig? ☐						
Bewick's Wren	07190						Mig? ☐						
Blk-tail Gnatcatcher	07520						Mig? ☐						
Northern Mockingbird	07030	2		1	2	2	Mig? ☐						
Curve-billed Thrasher	07070						Mig? ☐						

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VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check box if non-breeder.

SCAN FORM
Page 8

Species	AOU	Stops					Species	AOU	Stops				
		31	32	33	34	35			31	32	33	34	35
Scaled Quail	02930	1					Crissal Thrasher	07120					
Turkey Vulture	03250		1				Phainopepla	06200					
Red-tailed Hawk	03370						Lucy's Warbler	06430					
Killdeer	02730						Common Yellowthroat	06810					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830					
White-winged Dove	03190	1					Ruf-crowned Sparrow	05800	3	2		1	
Mourning Dove	03160		3				Canyon Towhee	05910					1
Inca Dove	03210						Cassin's Sparrow	05780					
Yellow-billed Cuckoo	03870						Lark Sparrow	05520					
Greater Roadrunner	03850						Blk-throated Sparrow	05730	2			2	1
Great Horned Owl	03750						Summer Tanager	06100					
Elf Owl	03810						Northern Cardinal	05930					
Lesser Nighthawk	04210						Pyrrhuloxia	05940					
Common Nighthawk	04200						Blue Grosbeak	05970					
Common Poorwill	04180						Varied Bunting	06000					
White-throated Swift	04250						Painted Bunting	06010					
Gold-frnt Woodpecker	04100						Bronzed Cowbird	04960					
Ladder-back Woodpkr	03960						Brn-headed Cowbird	04950					
Say's Phoebe	04570						Orchard Oriole	05060					
Vermilion Flycatcher	04710						Scott's Oriole	05040					
Ash-throat Flycatcher	04540			1			House Finch	05190					
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330												
Gray Vireo	06340												
Common Raven	04860												
N Rgh-wing Swallow	06170												
Cliff Swallow	06120						Mig?						
Verdin	07460						Mig?						
Cactus Wren	07130		1				Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						
Blk-tail Gnatcatcher	07520						Mig?						
Northern Mockingbird	07030	2					Mig?						
Curve-billed Thrasher	07070						Mig?						

3559

VEHICLES

Excessive Noise:

1

0

0

0

0

0

Check box if
non-breeder.SCAN FORM
Page 9

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Species	AOU	Stops					Species	AOU	Stops				
		36	37	38	39	40			36	37	38	39	40
Scaled Quail	02930						Crissal Thrasher	07120					
Turkey Vulture	03250				1		Phainopepla	06200					
Red-tailed Hawk	03370						Lucy's Warbler	06430					
Killdeer	02730						Common Yellowthroat	06810					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830					
White-winged Dove	03190						Ruf-crowned Sparrow	05800					
Mourning Dove	03160					1	Canyon Towhee	05910					
Inca Dove	03210						Cassin's Sparrow	05780					
Yellow-billed Cuckoo	03870						Lark Sparrow	05520					
Greater Roadrunner	03850						Blk-throated Sparrow	05730				1	1
Great Horned Owl	03750						Summer Tanager	06100					
Elf Owl	03810						Northern Cardinal	05930					
Lesser Nighthawk	04210						Pyrrhuloxia	05940					1
Common Nighthawk	04200						Blue Grosbeak	05970					1
Common Poorwill	04180						Varied Bunting	06000					
White-throated Swift	04250						Painted Bunting	06010					
Gold-frnt Woodpecker	04100						Bronzed Cowbird	04960					
Ladder-back Woodprk	03960						Brn-headed Cowbird	04950					
Say's Phoebe	04570						Orchard Oriole	05060					
Vermilion Flycatcher	04710						Scott's Oriole	05040					
Ash-throat Flycatcher	04540						House Finch	05190	2				
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330		1										
Gray Vireo	06340												
Common Raven	04860												
N Rgh-wing Swallow	06170												
Cliff Swallow	06120						Mig?!						
Verdin	07460		1	1		1	Mig?!						
Cactus Wren	07130						Mig?!						
Rock Wren	07150						Mig?!						
Canyon Wren	07170						Mig?!						
Bewick's Wren	07190						Mig?!						
Blk-tail Gnatcatcher	07520						Mig?!						
Northern Mockingbird	07030		1	1		2	Mig?!						
Curve-billed Thrasher	07070						Mig?!						

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VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐
Check box if
non-breeder.SCAN FORM
Page 10

Species	AOU	Stops					Species	AOU	Stops				
		41	42	43	44	45			41	42	43	44	45
Scaled Quail	02930	1					Crissal Thrasher	07120					
Turkey Vulture	03250	1					Phainopepla	06200					
Red-tailed Hawk	03370						Lucy's Warbler	06430					
Killdeer	02730						Common Yellowthroat	06810					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830		2	1		1
White-winged Dove	03190						Ruf-crowned Sparrow	05800					
Mourning Dove	03160						Canyon Towhee	05910					
Inca Dove	03210						Cassin's Sparrow	05780					
Yellow-billed Cuckoo	03870						Lark Sparrow	05520					
Greater Roadrunner	03850						Blk-throated Sparrow	05730		3			3
Great Horned Owl	03750						Summer Tanager	06100					
Elf Owl	03810						Northern Cardinal	05930					
Lesser Nighthawk	04210						Pyrrhuloxia	05940				1	
Common Nighthawk	04200						Blue Grosbeak	05970					
Common Poorwill	04180						Varied Bunting	06000					
White-throated Swift	04250						Painted Bunting	06010					
Gold-frnt Woodpecker	04100						Bronzed Cowbird	04960					
Ladder-back Woodpkr	03960	1					Brn-headed Cowbird	04950					
Say's Phoebe	04570						Orchard Oriole	05060					
Vermilion Flycatcher	04710						Scott's Oriole	05040					
Ash-throat Flycatcher	04540			1			House Finch	05190	1		1		
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330		1	1	1	1							
Gray Vireo	06340												
Common Raven	04860												
N Rgh-wing Swallow	06170												
Cliff Swallow	06120						Mig?						
Verdin	07460	2					Mig?						
Cactus Wren	07130			1			Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						
Blk-tail Gnatcatcher	07520						Mig?						
Northern Mockingbird	07030	1	2			1	Mig?						
Curve-billed Thrasher	07070						Mig?						

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VEHICLES

Excessive Noise:

3

1

2

0

0

0

Check box if
non-breeder.

SCAN FORM

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End Time: 1029 End Temp: 92
 End Sky: 0 End Wind: 2

Species	AOU	Stops					Species	AOU	Stops				
		46	47	48	49	50			46	47	48	49	50
Scaled Quail	02930						Crissal Thrasher	07120					
Turkey Vulture	03250			1			Phainopepla	06200					
Red-tailed Hawk	03370						Lucy's Warbler	06430					
Killdeer	02730						Common Yellowthroat	06810					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830	1				
White-winged Dove	03190						Ruf-crowned Sparrow	05800					
Mourning Dove	03160						Canyon Towhee	05910					
Inca Dove	03210						Cassin's Sparrow	05780					
Yellow-billed Cuckoo	03870						Lark Sparrow	05520					
Greater Roadrunner	03850						Blk-throated Sparrow	05730					2
Great Horned Owl	03750						Summer Tanager	06100					
Elf Owl	03810						Northern Cardinal	05930					
Lesser Nighthawk	04210						Pyrrhuloxia	05940	2				
Common Nighthawk	04200						Blue Grosbeak	05970					
Common Poorwill	04180						Varied Bunting	06000					
White-throated Swift	04250						Painted Bunting	06010					
Gold-frnt Woodpecker	04100						Bronzed Cowbird	04960					
Ladder-back Woodpkr	03960	1					Brn-headed Cowbird	04950					
Say's Phoebe	04570						Orchard Oriole	05060					
Vermilion Flycatcher	04710						Scott's Oriole	05040					
Ash-throat Flycatcher	04540						House Finch	05190					
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330												
Gray Vireo	06340												
Common Raven	04860												
N Rgh-wing Swallow	06170												
Cliff Swallow	06120						Mig?						
Verdin	07460	1					Mig?						
Cactus Wren	07130						Mig?						
Rock Wren	07150						Mig?						
Canyon Wren	07170						Mig?						
Bewick's Wren	07190						Mig?						
Blk-tail Gnatcatcher	07520						Mig?						
Northern Mockingbird	07030						Mig?						
Curve-billed Thrasher	07070						Mig?						

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VEHICLES

2 2 2 1

Excessive Noise:

0 0 0 0 0

Check box if
non-breeder.SCAN FORM
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