

TEXAS PARKS AND WILDLIFE

BIRDS

of the

BY JOHN C. ARVIN

SOUTH TEXAS BRUSHLANDS

A Field Checklist



June 2007

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Birds of the South Texas Brushlands:

A Field Checklist

Second Edition

INTRODUCTION

The South Texas Brushlands ecoregion, also known as the Rio Grande Plain or Tamaulipan Brushlands, consists of the southern one fifth or so of the state, south of the Edwards Plateau and west of the San Antonio River. It includes the Rio Grande Valley from about Del Rio to where the river empties into the Gulf of Mexico and the lower coast of Texas from Baffin Bay southward. This region is flat to gently rolling with a few higher hills and cliffs along the Rio Grande. This vast plain is covered mostly with a dense growth of low thorny trees, shrubs and cacti. In coastal and northern areas live oak woodlands are interspersed with grasslands and brushlands. Along the Rio Grande, and the Nueces, Frio, Mission and San Antonio rivers, tall riparian woodlands cross an otherwise semiarid plain. Annual rainfall ranges from about 35 inches along the San Antonio River to around 18 inches in the Del Rio area, but these averages mean little as rainfall varies widely and droughts are frequent and often lengthy.

The birdlife of the South Texas Brushlands is the most distinctive in the whole state, and many of the species are found regularly in no other part of Texas, and indeed, in no other part of the United States or Canada. Most of the birds restricted to this ecoregion are widespread Neotropical species with ranges from southern Texas southward as far as northern Argentina. In the U.S., many of these species were formerly restricted to the lower Rio Grande Valley (Cameron, Willacy, Hidalgo and Starr counties). A few still are, but many have been expanding their ranges northward out of the Valley during the past half century. Some examples include Ringed Kingfisher, Great Kiskadee, Couch's Kingbird and Green Jay.

This is the first bird checklist to treat this entire ecoregion, though the heavily birded lower Rio Grande Valley has been treated by several other checklists. This checklist shows all of the species known to have occurred within the ecoregion, along with their seasonal abundance.

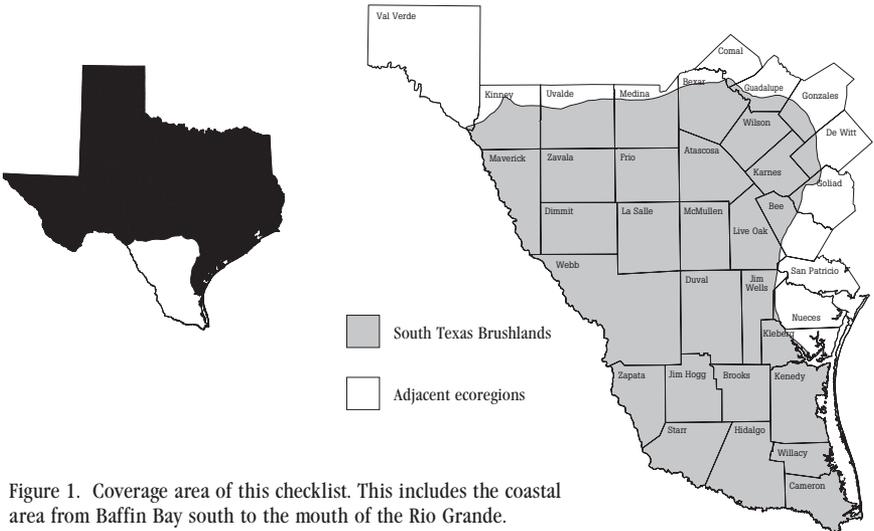


Figure 1. Coverage area of this checklist. This includes the coastal area from Baffin Bay south to the mouth of the Rio Grande.

Taxonomy and nomenclature follow the A.O.U. *Check-list of North American Birds*, 7th ed. (1998) and supplements.

A total of 529 species has been recorded in the checklist area, more than in any other ecoregion in the state and, indeed, more than in any state in the United States besides Texas as a whole and California. Several species are represented by a single record. Most of these are "vagrants" (wanderers out of range) from Mexico. Some species which began as vagrants, such as the Clay-colored Robin, first recorded in the region and the United States in 1959, and Hook-billed Kite, first recorded in 1964, are presently regular breeding residents in the region. A few species have been lost, either altogether (i.e., globally extinct), or regionally extirpated. Eskimo Curlew and Whooping Crane are two of these. Other species continue to show range shrinkage and reductions in numbers from a variety of causes that are often not obvious. Red-billed Pigeon, White-collared Seedeater and Audubon's Oriole are among this latter group.

Although the avifauna of the region is surprisingly homogenous, there is a distinct north-south subregional aspect. Many species of temperate migrants that winter regularly and in some numbers across the northern tier of counties are distinctly rare, and in some cases almost unrecorded, in the lower Rio Grande Valley. These include such species as Song, Fox, White-throated, and Harris's Sparrows, Brown Creeper and Winter Wren. The opposite situation is better known, i.e., those vagrants or rare residents that are limited to the immediate lower Rio Grande Valley. Examples include Hook-billed Kite, Altamira Oriole and Plain Chachalaca. A few species have become fairly common for a few decades and then declined to near the vanishing point. That is the current situation with the Brown Jay and Tamaulipas Crow, again for unknown reasons.

There are numerous and exciting birding opportunities in the ecoregion. The Lower Texas Coast portion of the Great Texas Coastal Birding Trail map will assist travelers who seek birding hotspots. For more information on the trail, please visit <http://www.tpwd.state.tx.us/birdingtrails/coastal_trail/>. The World Birding Center's network of sites across the Valley also hosts a wealth of wildlife-viewing opportunities. For more information, please visit <<http://www.worldbirdingcenter.org/>>.

There are many scientific papers, guide books, and popular writings that describe the physiognomy or plant community of the ecoregion. Some of those titles are included below.

SELECTED READING

- Diamond, D.D. and T.E. Fulbright. 1990. *Contemporary plant communities of the Coastal Sand Plain, Texas*. Southwestern Naturalist 35:385-392.
- Everitt, J.H. and D. Lynn Drawe. 1992. *Trees, Shrubs, and Cacti of South Texas*. Texas Tech Univ. 216 pp.
- Johnston, M.C. 1963. *Past and present grasslands of southern Texas and northern Mexico*. Ecology 44:456-466.
- Lehmann, V.W. 1969. *Forgotten Legions: Sheep in the Rio Grande Plain of Texas*. Texas Western Press, UT El Paso. 226 pp.
- Lonard, R.I. and F.W. Judd. 1993. *Phytogeography of the woody flora of the Lower Rio Grande Valley, Texas*. Texas Journal of Science 45:133-147.
- McLendon, T. 1991. *Preliminary description of the vegetation zones of South Texas exclusive of coastal saline zones*. Texas Journal of Science 43:13-32.
- Taylor, R.B., J. Rutledge, and J.G. Herrera. 1997. *A Field Guide to Common South Texas Shrubs*. Univ of Texas. 106 pp.
- Vora, R.S. 1990. *Plant communities of the Santa Ana National Wildlife Refuge, Texas*. Texas Journal of Science 42:115-128.

Vora, R.S. and J.F. Messerly. 1990. *Changes in native vegetation following different disturbances in the Lower Rio Grande Valley, Texas*. Texas Journal of Science 42:151-158.

This is merely a fraction of what is available so interested readers are encouraged to visit their local library for additional titles. There are also a few birdfinding guides and bird checklists available. Two of those titles include:

- Lockwood, M.W., W.B. McKinney, J.N. Paton, and B.R. Zimmer. 1999. *A Birder's Guide to the Rio Grande Valley*. American Birding Assoc., CO. 280 pp.
- McKinney, B. 1999. *A Checklist of Lower Rio Grande Valley Birds*. Self-published (available from several online birding stores).

ACKNOWLEDGMENTS

This is the sixth ecoregional bird checklist for Texas in a series initiated by Texas Partners in Flight under the direction of Cliff Shackelford at the Texas Parks and Wildlife Department. The following reviewers graciously commented on an early version of this checklist: Brush Freeman, Tom Langschied, Mark Lockwood and Junie Sorola. The beautiful cover art was originally painted for the 2001 Great Texas Birding Classic by Clemente Guzman III, of the Texas Parks and Wildlife Department. The species from left to right are Golden-fronted Woodpecker, Elf Owl, Green Jay and Altamira Oriole. Production assistance was provided by the Caesar Kleberg Wildlife Research Institute in Kingsville, Texas, the Migratory Bird Office, Region 2, of the U.S. Fish and Wildlife Service in Albuquerque, New Mexico, and the Rio Grande Joint Venture based in Mission, Texas.

CITATION

Arvin, John C. 2007. *Birds of the South Texas Brushlands: A Field Checklist. Second Edition*. Texas Parks and Wildlife Department. PWD BK W7000-1033 (6/07). 20 pp.

The author and compiler of this checklist, John C. Arvin, has over five decades of experience traveling and studying the birdlife in this ecoregion.

LEGEND

<p>Abundant </p> <p>Common </p> <p>Uncommon </p> <p>Scarce to occasional </p>	<p>Very rare to casual </p> <p>Vagrant or single occurrence </p> <p>Lingering single occurrence </p>
<p>* Breeds or has bred in area covered by this checklist</p> <p>*? Breeding suspected or questionable</p> <p>H Historic records apply</p> <p>I Introduced</p> <p>G Primarily found in the Gulf coastal portion of region</p>	<p>N Primarily found in the northern portion of region</p> <p>P Pelagic</p> <p>S Primarily found in the southern portion of region</p> <p>W Primarily found in the western portion of region</p>

CHECKLIST

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Black-bellied Whistling-Duck	*	[Solid black bar]											
Fulvous Whistling-Duck	*		[Hatched bar]	[Hatched bar]	[Hatched bar]			[Hatched bar]	[Hatched bar]				
Greater White-fronted Goose	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Solid black bar]						[Solid black bar]	[Solid black bar]	[Solid black bar]	
Snow Goose	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Solid black bar]						[Solid black bar]	[Solid black bar]	[Solid black bar]	
Ross's Goose	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]						[Hatched bar]	[Hatched bar]	[Hatched bar]	
Brant		....									..
Cackling Goose			[Hatched bar]										
Canada Goose	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]						[Hatched bar]	[Hatched bar]	[Hatched bar]	
Trumpeter Swan	●											●	
Tundra Swan											●		
Muscovy Duck	*	[Light gray bar]											
Wood Duck	*	[Light gray bar]											
Gadwall	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Hatched bar]	[Hatched bar]					[Solid black bar]	[Solid black bar]	
Eurasian Wigeon	●	●											
American Wigeon	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Hatched bar]	[Hatched bar]				[Hatched bar]	[Hatched bar]	[Solid black bar]	
Mallard	N	[Light gray bar]											
Mottled Duck	*,G	[Solid black bar]											
Blue-winged Teal	*	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Solid black bar]					[Solid black bar]	[Solid black bar]	[Solid black bar]	
Cinnamon Teal				[Hatched bar]	[Hatched bar]								
Northern Shoveler	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Hatched bar]	[Hatched bar]			[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	
White-cheeked Pintail					●						●		
Northern Pintail	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Hatched bar]	[Hatched bar]				[Hatched bar]	[Hatched bar]	[Solid black bar]	
Garganey				●	●								
Green-winged Teal	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Hatched bar]	[Hatched bar]					[Solid black bar]	[Solid black bar]	
Canvasback	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]						[Hatched bar]	[Hatched bar]	[Hatched bar]	
Redhead	G	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Hatched bar]	[Hatched bar]				[Hatched bar]	[Hatched bar]	[Solid black bar]	
Ring-necked Duck	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Solid black bar]						[Solid black bar]	[Solid black bar]	[Solid black bar]	
Greater Scaup				[Hatched bar]	[Hatched bar]								
Lesser Scaup	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Solid black bar]							[Solid black bar]	[Solid black bar]	
Harlequin Duck		●●											
Surf Scoter	G	[Hatched bar]									[Hatched bar]		
White-winged Scoter	G											●	
Long-tailed Duck	G	.....										..
Bufflehead	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Solid black bar]							[Solid black bar]	[Solid black bar]	
Hooded Merganser													

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Common Merganser	●											
Red-breasted Merganser												
Masked Duck	*											
Ruddy Duck	*											
Plain Chachalaca	*S											
Wild Turkey	*											
Scaled Quail	*W											
Northern Bobwhite	*											
Pacific Loon	G	..					..				..
Common Loon	G											
Yellow-billed Loon	G											
Least Grebe	*											
Pied-billed Grebe	*											
Horned Grebe												..
Eared Grebe												
Western Grebe	G											
Clark's Grebe												
Yellow-nosed Albatross	P											
Cory's Shearwater	P											
Sooty Shearwater	P											
Manx Shearwater	P											
Audubon's Shearwater	P											
Leach's Storm-Petrel	P											
Band-rumped Storm-Petrel	P											
Red-billed Tropicbird	P											
Masked Booby	P											
Brown Booby	P	..				..	....			...		..
Northern Gannet	P											
American White Pelican	*											
Brown Pelican	*G											
Neotropic Cormorant	*											
Double-crested Cormorant	*											
Anhinga	*											
Magnificent Frigatebird												
American Bittern												
Least Bittern	*											
Great Blue Heron	*											
Great Egret	*											

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
___ Snowy Egret	*	[Solid black bar]											
___ Little Blue Heron	*	[Solid black bar]											
___ Tricolored Heron	*,G	[Solid black bar]											
___ Reddish Egret	*,G	[Solid black bar]											
___ Cattle Egret	*	[Solid black bar]											
___ Green Heron	*	[Solid black bar]											
___ Black-crowned Night-Heron	*	[Solid black bar]											
___ Yellow-crowned Night-Heron	*	[Solid black bar]											
___ White Ibis	*,G	[Solid black bar]											
___ Glossy Ibis		[Dotted line]											
___ White-faced Ibis	*	[Solid black bar]											
___ Roseate Spoonbill	*,G	[Solid black bar]											
___ Jabiru		[Dotted line]											
___ Wood Stork		[Hollow bar]											
___ Greater Flamingo		[Two dots]											
___ Black Vulture	*	[Solid black bar]											
___ Turkey Vulture	*	[Solid black bar]											
___ Osprey		[Solid black bar]											
___ Hook-billed Kite	*	[Solid black bar]											
___ Swallow-tailed Kite		[Hollow bar]											
___ White-tailed Kite	*	[Solid black bar]											
___ Snail Kite		[Three dots]											
___ Mississippi Kite		[Solid black bar]											
___ Bald Eagle	N	[Solid black bar]											
___ Northern Harrier		[Solid black bar]											
___ Sharp-shinned Hawk		[Solid black bar]											
___ Cooper's Hawk	*	[Solid black bar]											
___ Crane Hawk	S	[One dot]											
___ Gray Hawk	*,S	[Solid black bar]											
___ Common Black-Hawk	*,S	[Solid black bar]											
___ Harris's Hawk	*	[Solid black bar]											
___ Roadside Hawk	S	[Dotted line]											
___ Red-shouldered Hawk	*	[Hollow bar]											
___ Broad-winged Hawk		[Solid black bar]											
___ Short-tailed Hawk	S	[Solid black bar]											
___ Swainson's Hawk	*	[Solid black bar]											
___ White-tailed Hawk	*	[Solid black bar]											
___ Zone-tailed Hawk		[Two dots]											

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Red-tailed Hawk	*											
Ferruginous Hawk												
Golden Eagle		●		●							●	●
Collared Forest-Falcon		●	●									
Crested Caracara	*											
American Kestrel	*											
Merlin												
Aplomado Falcon	*G											
Peregrine Falcon												
Prairie Falcon			●									●
Black Rail	*?G											
Clapper Rail	*G											
King Rail	*											
Virginia Rail												
Sora												
Purple Gallinule	*											
Common Moorhen	*											
American Coot	*											
Sandhill Crane												
Black-bellied Plover	G											
American Golden-Plover												
Collared Plover												
Snowy Plover												
Wilson's Plover	*G											
Semipalmated Plover	G											
Piping Plover	G											
Killdeer	*											
Mountain Plover												
American Oystercatcher	*G											
Black-necked Stilt	*											
American Avocet	*											
Northern Jacana	*H	**									**	**
Greater Yellowlegs												
Lesser Yellowlegs												
Solitary Sandpiper												
Willet	*G											
Spotted Sandpiper												
Upland Sandpiper												

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Whimbrel	G		█	█				▬	▬			
Long-billed Curlew	█	█	█	█				█	█	█	█	█
Hudsonian Godwit					▬	▬						
Marbled Godwit	G	▬	▬	▬				▬	▬	▬	▬	▬
Ruddy Turnstone	G	█	█	█	█	█		█	█	█	█	█
Red Knot	G	..	..	▬	▬			▬	▬	▬		..
Sanderling	G	█	█	█	█	█	█	█	█	█	█	█
Semipalmated Sandpiper				▬	▬			▬	▬	▬		
Western Sandpiper	█	█	█	█	█	█		█	█	█	█	█
Least Sandpiper	█	█	█	█	█	█		█	█	█	█	█
White-rumped Sandpiper				▬	▬	..						
Baird's Sandpiper			▬	▬	▬		▬	▬	▬	▬	▬	▬
Pectoral Sandpiper	.....		█	█	█	█		█	█	█	█
Purple Sandpiper	G	●	●									●
Dunlin	G	█	█	█	█	█					█	█
Curlew Sandpiper			....								
Stilt Sandpiper	▬	▬	▬	█	█			▬	█	█	█	█
Sharp-tailed Sandpiper									●			
Buff-breasted Sandpiper				▬	▬			▬	▬			
Ruff	.....						.....	.....	.....	.....	.....	.....
Short-billed Dowitcher	G	█	█	█	█	█	▬	█	█	█	█	█
Long-billed Dowitcher	█	█	█	█	█	█		▬	▬	█	█	█
Wilson's Snipe	▬	▬	▬	▬						▬	▬	▬
American Woodcock	N											
Wilson's Phalarope				█	█			█	█			
Red-necked Phalarope	—				..			..	..
Red Phalarope	G				..	....	..		..
South Polar Skua										●		
Pomarine Jaeger	P	▬	▬	▬				..		▬	▬	▬
Parasitic Jaeger	P		▬	▬							▬	▬
Long-tailed Jaeger	P					..	..		..		.
Laughing Gull	*G	█	█	█	█	█	█	█	█	█	█	█
Franklin's Gull			█	█	█					█	█	▬
Little Gull		●										
Black-headed Gull			●									●
Bonaparte's Gull	▬	▬	▬									▬
Heerman's Gull		●										
Black-tailed Gull		●	●									

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
___ Mew Gull	..	.....										.....
___ Ring-billed Gull	████████████████████										████████████████████	████████████████████	
___ California Gull			—										
___ Herring Gull	*G	████████████████████										████████████████████	
___ Thayer's Gull			—										
___ Iceland Gull	●	●											
___ Lesser Black-backed Gull			—										
___ Slaty-backed Gull		●	●										
___ Western Gull				●								●	
___ Glaucous Gull					—								
___ Great Black-backed Gull		...		..							..
___ Sabine's Gull									....	..	..	..
___ Black-legged Kittiwake			—										
___ Gull-billed Tern	*	████████████████████											
___ Caspian Tern	*	████████████████████											
___ Royal Tern	*G	████████████████████											
___ Sandwich Tern	*G		████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	
___ Common Tern	G			████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	
___ Forster's Tern	*	████████████████████											
___ Least Tern	*			████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	
___ Bridled Tern	P				—								
___ Sooty Tern	*G,P			—									
___ Black Tern	G			████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	
___ Brown Noddy	G			..	..	....			.....
___ Black Skimmer	*G	████████████████████											
___ Rock Pigeon	*I	████████████████████											
___ White-crowned Pigeon							●	●					
___ Red-billed Pigeon	*W		████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████			
___ Band-tailed Pigeon											●	●	
___ Eurasian Collared-Dove	*I	████████████████████											
___ White-winged Dove	*	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████	
___ Mourning Dove	*	████████████████████											
___ Inca Dove	*	████████████████████											
___ Common Ground-Dove	*	████████████████████											
___ Ruddy Ground-Dove		.....	.....		..						....
___ White-tipped Dove	*	████████████████████											
___ Ruddy Quail-Dove			●										
___ Green Parakeet	*S	████████████████████											

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Red-crowned Parrot	*S											
Black-billed Cuckoo				—					—		..	
Yellow-billed Cuckoo	*			██████████	██████████	██████████	██████████	██████████	██████████			
Dark-billed Cuckoo		●										
Mangrove Cuckoo				.....					..
Greater Roadrunner	*											
Groove-billed Ani	*				██████████	██████████	██████████	██████████	██████████	██████████		
Barn Owl	*	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Flammulated Owl											●	
Eastern Screech-Owl	*	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Great Horned Owl	*	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Ferruginous Pygmy-Owl	*											
Elf Owl	*W	..	██████████	██████████	██████████	██████████	██████████	██████████	██████████			..
Burrowing Owl		=====									=====	
Mottled Owl		●										
Barred Owl	*N											
Long-eared Owl												—
Stygian Owl											●	●
Short-eared Owl												—
Lesser Nighthawk	*			██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Common Nighthawk	*	..		██████████	██████████	██████████	██████████	██████████	██████████			
Common Pauraque	*	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Common Poorwill	*W	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Chuck-will's-widow	*N			██████████						██████████		
Whip-poor-will				=====						=====		
White-collared Swift							●					
Chimney Swift	*			██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Green Violet-ear				—								
Green-breasted Mango	.....		..				.....					.....
Broad-billed Hummingbird												
White-eared Hummingbird									..			
Buff-bellied Hummingbird	*			██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████	██████████
Violet-crowned Hummingbird					●							
Blue-throated Hummingbird										..	..
Magnificent Hummingbird							●				●	
Ruby-throated Hummingbird			██████████	██████████					██████████	██████████		
Black-chinned Hummingbird	*W		=====	=====	=====	=====	=====	=====	=====			
Anna's Hummingbird	.....								..		..	.....

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Costa's Hummingbird		●										
Calliope Hummingbird	.....	.....						..				...
Broad-tailed Hummingbird	.....	.....									.....
Rufous Hummingbird	=====	=====								=====	=====	=====
Allen's Hummingbird	.....	.....							..	.....
Elegant Trogon	.....	.....	.....	.....	.....				..			.....
Ringed Kingfisher	*	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Belted Kingfisher	*?	=====	=====	=====					=====	=====		
Green Kingfisher	*	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Lewis's Woodpecker	.....	.....	.....	.....	.....						.....
Red-headed Woodpecker	.....	.....		..	..							..
Acorn Woodpecker											●	
Golden-fronted Woodpecker	*	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Red-bellied Woodpecker	*,N											
Yellow-bellied Sapsucker	=====	=====									=====	=====
Red-naped Sapsucker	.....	.....									.....
Ladder-backed Woodpecker	*	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Downy Woodpecker	N	=====									=====	
Northern Flicker	N	=====	=====								=====	=====
Northern Beardless-Tyrannulet	*,S	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Olive-sided Flycatcher					=====	=====		=====	-----			
Greater Pewee		●										●
Western Wood-Pewee								●				
Eastern Wood-Pewee					=====	=====			=====	=====	-----	
Yellow-bellied Flycatcher					=====	=====			=====	=====	-----	
Acadian Flycatcher				=====	=====					-----		
Alder Flycatcher					=====	=====		=====	=====	=====		
Willow Flycatcher					=====	=====		=====	=====			
Least Flycatcher				=====	=====	=====		=====	=====			
Hammond's Flycatcher	● ●											
Gray Flycatcher			●							●		
"Western" Flycatcher	.. ..										
Black Phoebe	*,W	=====	=====								=====	=====
Eastern Phoebe	=====	=====	-----						-----	=====	=====	=====
Say's Phoebe	=====	=====	-----								=====	=====
Vermilion Flycatcher	*	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Dusky-capped Flycatcher			●									●
Ash-throated Flycatcher	*,W			=====	=====	=====	=====	=====	=====	=====		

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Great Crested Flycatcher	*			—	████████				████████	████████		
Brown-crested Flycatcher	*	.....			████████	████████	████████	████████	████████	████████		.....
Great Kiskadee	*	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████
Social Flycatcher	●●			●●								
Sulphur-bellied Flycatcher	*				.....						
Piratic Flycatcher										●		
Tropical Kingbird	*,S											
Couch's Kingbird	*			████████	████████	████████	████████	████████	████████	████████	████████	
Cassin's Kingbird		.....			..						..	..
Western Kingbird	*				████████	████████	████████	████████	████████			.....
Eastern Kingbird				████████	████████				████████	████████	—	
Gray Kingbird			●									
Scissor-tailed Flycatcher	*			████████	████████	████████	████████	████████	████████	████████	████████	
Fork-tailed Flycatcher	....	..									..	....
Rose-throated Becard	*,S											
Masked Tityra			●●									
Loggerhead Shrike	*	████████	████████	████████	████████			████████	████████	████████	████████	████████
White-eyed Vireo	*	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████
Bell's Vireo	*				—				—			
Black-capped Vireo				..								
Yellow-throated Vireo				████████					████████	████████		
Cassin's Vireo			●		●							
Blue-headed Vireo	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████
Warbling Vireo				████████	████████				████████	████████		
Philadelphia Vireo					████████					—		.. ..
Red-eyed Vireo				████████	████████	████████		████████	████████	████████		
Yellow-green Vireo	*				—			—				
Black-whiskered Vireo					..							
Blue Jay	*,N											
Green Jay	*	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████
Brown Jay	*,W											
Western Scrub-Jay	N,W										..	
American Crow	*,N											
Tamaulipas Crow	*,S			—				—				
Chihuahuan Raven	*,W	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████
Common Raven	N,W											
Horned Lark	*			████████	████████	████████	████████	████████	████████	████████	████████	████████
Purple Martin	*		████████	████████	████████	████████	████████	████████	████████	████████	████████	████████

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Gray-breasted Martin				•	•							
Tree Swallow	=====	=====	=====	=====	=====				=====	=====	=====	=====
Violet-green Swallow				•						•		
Northern Rough-winged Swallow	*	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	
Bank Swallow	*W			=====	=====	=====	=====	=====	=====	=====		
Cliff Swallow	*		=====	=====	=====	=====	=====	=====	=====	=====		
Cave Swallow	*	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Barn Swallow	*	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Carolina Chickadee	*N											
Black-crested Titmouse	*	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Verdin	*											
Bushtit		•										
Red-breasted Nuthatch	N			-----							-----	
White-breasted Nuthatch	N		•									•
Brown Creeper	N	-----									-----	
Cactus Wren	*	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Rock Wren	*W											
Canyon Wren	*N,W											
Carolina Wren	*	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Bewick's Wren	*	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
House Wren		=====	=====	=====	-----					-----	=====	=====
Winter Wren			-----								-----	
Sedge Wren	G	=====	=====	=====	-----						=====	=====
Marsh Wren		=====	=====	=====	-----						=====	=====
Golden-crowned Kinglet			-----								-----	
Ruby-crowned Kinglet		=====	=====	-----							=====	=====
Blue-gray Gnatcatcher	*	=====	=====	-----					=====	=====	=====	=====
Black-tailed Gnatcatcher	*W											
Northern Wheatear											•	
Eastern Bluebird	*N											
Mountain Bluebird	W										-----	
Townsend's Solitaire			•								••	
Orange-billed Nightingale-Thrush					•			•				
Black-headed Nightingale-Thrush					•	-----				•		
Veery	G			=====	=====						-----	
Gray-cheeked Thrush	G			=====	=====						-----	
Swainson's Thrush				=====	=====					=====	=====	
Hermit Thrush	=====	=====	=====								=====	=====

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Wood Thrush	G			██████	—						—	
Clay-colored Robin	*S											
White-throated Robin		.....										.
Rufous-backed Robin		..	.....									..
American Robin	*	██████	██████								—	██████
Varied Thrush										●	●●●	
Gray Catbird				██████						██████		
Black Catbird	H					●						
Northern Mockingbird	*	██████	██████	██████	██████	██████	██████	██████	██████	██████	██████	██████
Sage Thrasher	W		—									
Brown Thrasher	N			—								
Long-billed Thrasher	*	██████	██████	██████	██████	██████	██████	██████	██████	██████	██████	██████
Curve-billed Thrasher	*	██████	██████	██████	██████	██████	██████	██████	██████	██████	██████	██████
Blue Mockingbird	S	●										●
European Starling	*I	██████	██████	██████	██████	██████	██████	██████	██████	██████	██████	██████
American Pipit		██████	██████	██████							██████	██████
Sprague's Pipit		██████	██████	██████						██████	██████	██████
Cedar Waxwing		██████	██████	██████	██████							██████
Bohemian Waxwing												●
Gray Silky-Flycatcher											●●	
Phainopepla	W	.....									.....
Blue-winged Warbler				██████	██████				—			
Golden-winged Warbler				██████	██████					—		
Tennessee Warbler		●		██████	██████	..				██████		●
Orange-crowned Warbler		██████	██████	██████						██████	██████	██████
Nashville Warbler				██████	██████					██████	██████	
Virginia's Warbler		●	●								●	
Lucy's Warbler		●										
Northern Parula	*		██████	██████	██████				██████	██████	██████	
Tropical Parula	*S			██████	██████	██████	██████	██████	██████	██████		
Yellow Warbler				██████	██████		██████	██████	██████	██████		
Mangrove (Yellow) Warbler	*?G	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chestnut-sided Warbler	G			██████	██████					.....	
Magnolia Warbler	G			██████	██████					██████		
Cape May Warbler	G	.....			—						
Black-throated Blue Warbler	G	.....			—						—	.....
Yellow-rumped (Myrtle) Warbler		██████	██████	██████							██████	██████
Yellow-rumped (Audubon's) Warbler	W	██████	██████	██████						██████	██████	██████

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Black-throated Gray Warbler												
Golden-cheeked Warbler					..							
Black-throated Green Warbler												
Townsend's Warbler					..							
Hermit Warbler	.....							..			.....
Blackburnian Warbler	G											
Yellow-throated Warbler												
Pine Warbler												
Prairie Warbler	G	..										
Palm Warbler	G			..								
Bay-breasted Warbler	G											
Blackpoll Warbler	G											
Cerulean Warbler	G											
Black-and-white Warbler												
American Redstart												
Prothonotary Warbler	G					..	..			
Worm-eating Warbler												
Swainson's Warbler	G											
Ovenbird												
Northern Waterthrush												
Louisiana Waterthrush												
Kentucky Warbler	G											
Mourning Warbler												
MacGillivray's Warbler												..
Common Yellowthroat												
Gray-crowned Yellowthroat	S											
Hooded Warbler												
Wilson's Warbler												
Canada Warbler												..
Red-faced Warbler												
Painted Redstart		..									.....	..
Slate-throated Redstart												
Golden-crowned Warbler								..	..	
Rufous-capped Warbler	.....										.....
Yellow-breasted Chat	*											
Hepatic Tanager												
Summer Tanager	*											
Scarlet Tanager												

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
___ Northern Cardinal	*	[Solid black bar]											
___ Pyrrhuloxia	*	[Solid black bar]											
___ Rose-breasted Grosbeak	..			[Solid black bar]					[Hatched bar]				
___ Black-headed Grosbeak		..									..	..
___ Blue Bunting	S,W												
___ Blue Grosbeak	*				[Solid black bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Solid black bar]				
___ Lazuli Bunting				..									
___ Indigo Bunting			[Solid black bar]	[Solid black bar]						[Solid black bar]	[Solid black bar]		
___ Varied Bunting	*											..	
___ Painted Bunting	*	..			[Solid black bar]	[Solid black bar]	[Solid black bar]	[Solid black bar]				..	
___ Dickcissel	*			[Solid black bar]				[Hatched bar]	[Solid black bar]				
___ Bobolink													
___ Red-winged Blackbird	*	[Solid black bar]											
___ Eastern Meadowlark	*	[Solid black bar]											
___ Western Meadowlark		[Solid black bar]	[Solid black bar]									[Solid black bar]	
___ Yellow-headed Blackbird			[Hatched bar]	[Hatched bar]					..				
___ Brewer's Blackbird		[Solid black bar]	[Solid black bar]	[Solid black bar]	[Solid black bar]	[Hatched bar]	[Hatched bar]				[Solid black bar]	[Solid black bar]	
___ Common Grackle	N	[Hatched bar]	[Hatched bar]								[Hatched bar]	[Hatched bar]	
___ Boat-tailed Grackle	G	●	●										
___ Great-tailed Grackle	*	[Solid black bar]											
___ Bronzed Cowbird	*	[Solid black bar]											
___ Brown-headed Cowbird	*	[Solid black bar]											
___ Black-vented Oriole									●	●			
___ Orchard Oriole	*			[Solid black bar]			[Solid black bar]	[Hatched bar]	[Hatched bar]				
___ Fuerte's (Orchard) Oriole				.....								
___ Hooded Oriole	*		[Hatched bar]										
___ Bullock's Oriole	*			[Hatched bar]									
___ Scott's Oriole			●										
___ Altamira Oriole	*,S	[Hatched bar]											
___ Audubon's Oriole	*	[Hatched bar]											
___ Baltimore Oriole				[Solid black bar]				[Solid black bar]	[Solid black bar]				
___ Cassin's Finch											●		
___ House Finch	*,W	[Hatched bar]											
___ Red Crossbill		●	●										
___ Common Redpoll					●								
___ Pine Siskin		[Hatched bar]	[Hatched bar]									[Hatched bar]	
___ Lesser Goldfinch	*	[Hatched bar]											
___ American Goldfinch		[Hatched bar]	[Hatched bar]									[Hatched bar]	

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
___ Evening Grosbeak				●	●							
___ House Sparrow	*,I											

The following list includes Hypothetical Species that may appear in the region or have previously been reported without supporting documentation. A number of these species have occurred adjacent to the coverage area of this checklist.

- Common Goldeneye
- Yellow Rail
- Dusky Flycatcher
- Plumbeous Vireo
- Eastern Towhee
- Rusty Blackbird
- Purple Finch

Extinct or extirpated species from the checklist area:

- Whooping Crane
- Eskimo Curlew

LEGEND

<p>Abundant </p> <p>Common </p> <p>Uncommon </p> <p>Scarce to occasional </p>	<p>Very rare to casual </p> <p>Vagrant or single occurrence ●</p> <p>Lingering single occurrence ●—●</p>
<p>* Breeds or has bred in area covered by this checklist</p> <p>*? Breeding suspected or questionable</p> <p>H Historic records apply</p> <p>I Introduced</p> <p>G Primarily found in the Gulf coastal portion of region</p>	<p>N Primarily found in the northern portion of region</p> <p>P Pelagic</p> <p>S Primarily found in the southern portion of region</p> <p>W Primarily found in the western portion of region</p>

NOTES

NOTES



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