



Breeding Bird Survey

Red Rock WMPA

James, Staehle, Gladson, Engle

By: Quinn Emmering

Observers: Mr. & Mrs. Engle,
Selene Staehle, Ray James

Date: June 1, 2015

A breeding bird survey was conducted on the Red Rock WMPA property in Bastrop County on the morning of June 1, 2015. Quinn Emmering, biologist for Plateau Land and Wildlife, conducted the survey. The protocol for the survey was to re-survey or establish stations throughout the 125 acre ranch at 250 meter (.15 mile) or greater intervals. Observations, both visual and auditory, were taken at each station for periods lasting three minutes. We observed 6 station(s) during this survey. The survey began at 0643 and ended at 0831. Weather conditions were noted at the beginning and end of the survey.

An annual survey using the same stations will be conducted on the property during the breeding season (mid April thru mid June), between 0600 and 1100 hours. These surveys will be helpful in determining trends in population changes of the breeding birds on the subject property. This information could be useful in targeting and/or maintaining management activities with regards to breeding birds found on the Red Rock WMPA property.

A brief description of the stations, beginning and ending weather observations, and a list of bird observations organized by station follows.

Station 1

Station 1 is located near the entrance of the James property off of Sandhills Road. Surrounding habitat includes post oak, eastern red cedar, loblolly pine, greenbrier, and yaupon. A total of 11 species were observed.

Station 2

Station 2 is located along two-thirds of the way down a trail that runs the length of the James property. A total of 11 species were observed.

Station 3

Station 3 is near the eastern border of the Red Rock WMPA, and near the northeastern corner of the Gladson property. Habitat is very similar Station 3, except with slightly more elevation. A total of 13 species were observed.

Station 4

Station 4 is just inside the border of the Gladson property on the northern border, on a trail near the end of the long, upper eastment. The point is next to a small, brackish pond in forest similar to Stations 2 and 3. A total of 14 species were observed.

Station 5

Station 5 is located in a small, sandy open area surrounded by oak/cedar/pine woodland and bordered to the south by Sandy Creek. Species includes, post oak, blackjack oak, eastern red cedar, loblolly pine, yaupon, little bluestem, coneflower, and American beautyberry. A total of 13 species were observed.

Station 6

Station 6 is located in the central portion of the Engle property, at the northwestern edge of a small open field. The field is surrounded by mostly oak woodland, with eastern red cedar and loblolly pine still present. The field contains numerous forbs and grasses, and a lone live oak. A total of 11 species were observed.

Observations

Station Number	1	2	3	4	5	6
Latitude	29.8971	29.8943	29.8913	29.8939	29.8919	29.8946
Longitude	-97.419	-97.412	-97.4096	-97.4136	-97.4148	-97.4177
Time	0643	0716	0737	0701	0811	0831
Temp (F)	61°	62°	62°	60°	62°	67°
Winds						
Sky Conditions	Clear	Clear	Clear	Clear	Clear	Clear

Bird Species							Total
Wood Duck	1						1
Red-shouldered Hawk				1			1
Inca Dove			1				1
Common Ground-Dove						1	1
Mourning Dove	1	4	4	3	2	2	16
Yellow-billed Cuckoo			2	1		1	4
Black-chinned Hummingbird	1					1	2
Red-bellied Woodpecker		1	1		1		3
Downy Woodpecker	1						1
Pileated Woodpecker						1	1
Great Crested Flycatcher					2		2
White-eyed Vireo	1	1	2	1	1	2	8
Yellow-throated Vireo			1				1
Blue Jay				1			1
American Crow	4			2	2		8
Carolina Chickadee							1
Tufted Titmouse	1	2	1	2	2		8
Carolina Wren	1	2	1	1	1	1	7
Blue-gray Gnatcatcher			1	2	1		4
Black-and-white Warbler			1	2			3
Northern Parula		1	1	2	1		5
Pine Warbler	1	1	2	2	2	1	9
Summer Tanager						1	1
Northern Cardinal	2	2	2	1	2		9
Painted Bunting	1				1	1	3
Red-winged Blackbird		1					1
Brown-headed Cowbird		1		2	1	1	5
Barred Owl		2					2
Totals:	15	18	20	23	19	13	109

Total Species: 28

Bird Species	Incidental	Total
Wood Duck		1
Red-shouldered Hawk		1
Inca Dove		1
Common Ground-Dove		1
Mourning Dove		16
Yellow-billed Cuckoo		4
Black-chinned Hummingbird		2
Red-bellied Woodpecker		3
Downy Woodpecker		1
Pileated Woodpecker		1
Great Crested Flycatcher		2
White-eyed Vireo		8
Yellow-throated Vireo		1
Blue Jay		1
American Crow		8
Carolina Chickadee	1	1
Tufted Titmouse		8
Carolina Wren		7
Blue-gray Gnatcatcher		4
Black-and-white Warbler		3
Northern Parula		5
Pine Warbler		9
Summer Tanager		1
Northern Cardinal		9
Painted Bunting		3
Red-winged Blackbird		1
Brown-headed Cowbird		5
Barred Owl		2
Totals:	1	109
Total Species: 28		