

A 2006 BIRD CHECKLIST FOR PETRIFIED FOREST NATIONAL PARK

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ABSTRACT – This checklist presents 216 species of birds known to have occurred within the boundaries of Petrified Forest National Park, since the park's establishment in 1906. The checklist contains 33 species of birds have been confirmed to breed within Petrified Forest National Park, 6 that are probable breeders, 18 species that reside in the park throughout the year, 35 species that are found only during the summer breeding season, and 11 that are strictly winter residents. Two species who formerly occurred in the park, the Yellow-billed Cuckoo and Canyon Wren, have not been sighted over the last 20 years and are presumed to have been extirpated from the park. Although the check list was designed for use within Petrified Forest National Park, it will also apply to birdlife in adjacent areas. However, there may be differences in the relative abundances of many species due to habitat alterations outside the park. This checklist also contains information on some of the best places to observe birds (e.g., in the cottonwoods along the Puerco River, in the juniper woodlands along the rim of the Painted Desert and at the Visitor Centers). The greatest diversity of birds in Petrified Forest National Park occurs during spring or fall migration periods.

Keywords: Birds, Petrified Forest, breeding birds, bird check list

INTRODUCTION

DURING THE centennial Year of Petrified Forest National Park, it would seem appropriate to present a revised and updated park bird checklist. Birds are an important resource in any national park and visitors increasingly receive much enjoyment in pursuing and identifying birds, many adding new species to their life check list. This paper presents an updated list of birds that have been, and could possibly be found, within Petrified Forest National Park. Along with the bird list are included detailed information on abundance and seasonal occurrence of species, with 31 new species added to the old bird list of Petrified Forest NP.

We have attempted to revise information on the current park bird species checklist, which was last updated in 1984. This revision was necessary in order to conform to 1999 standards set by The National Park Service Inventory and Monitoring NP Species Data Dictionary. We used museum specimen records, historical records of bird observations, the 1963 park bird checklist (which indicated seasonal occurrence and nesting for some species), and observations from 1998-1999 surveys by van Riper et al. (this volume) to assign seasonal occurrence and relative abundance to individual bird species. We have additionally tried to improve the ease of finding information on the check list by incorporating several standard features, such as distinguishing winter residents from summer residents and noting bird species that breed in the park.

Common names of bird species follow the American Ornithologists' Union (AOU) Checklist of North Ameri-

can Birds, (7th edition, 1998). Older names for species are given in parenthesis. Genus and species designations follow Clements (2000). Following each species name on the checklist are columns which give the following information about the species: (1) the PARK STATUS, (2) the relative ABUNDANCE, (3) RESIDENCY STATUS, (4) HABITAT TYPES in which the species is usually found, and (5) the BREEDING STATUS in the park.

BACKGROUND

Petrified Forest was established as a National Monument in 1906 and gained National Park status in 1962. It is located in the semi-arid section of northeastern Arizona, approximately 25 miles east of Holbrook, Arizona. The park contains 93,533 acres of habitat including short-grass prairie, barren badlands, rocky escarpments, mesa tops, juniper-cliffrose woodland, juniper-pinyon woodland, and cottonwood riparian areas. Petrified Forest National Park preserves a significant proportion of quality short-grass prairie that remains in northeastern Arizona.

The best places to observe birds are in the cottonwood riparian zone along the Puerco River, in the juniper woodlands along the rim of the Painted Desert, and near the Rainbow Forest and Painted Desert visitor centers. The greatest diversity of birds is usually present during spring or fall migration periods, but the summer is also a great time for birding!

The resource managers at Petrified Forest National Park would appreciate reports from all visitors on birds sighted

in the park. Of particular interest are sightings of species not listed herein, observations of breeding activity, or any unusual observations concerning birds. "Natural History Field Observation" cards are available at the entrance stations and

visitor centers for reporting observations. When you turn in the observation cards please try to discuss verification of your avian observations with a park Ranger. Your help is greatly appreciated by the park.

CODES USED WITHIN THE FOLLOWING BIRD CHECKLIST

Park Status

- P PRESENT: Species present in the park.
 H HISTORIC: Species historical occurrence in the park is documented, but recent investigations indicate that the species is now probably absent.
 U UNCONFIRMED: Included for the park based on weak "unconfirmed record" giving minimal indication of the species occurrence in the park.
 F FALSE REPORT: Species previously recorded to occur within the park, but current evidence indicates that the report was based on misidentification.

Abundance

- A ABUNDANT: Easily seen daily in relatively large numbers in appropriate season and habitat.
 C COMMON: Easily seen daily in appropriate season and habitat, but not in large numbers.
 UC UNCOMMON: Likely to be seen weekly or monthly in appropriate season and habitat. May be locally common.
 R RARE: Present, but usually seen only a few times each year.
 O OCCASIONAL: Occasionally or sporadically seen, but not observed in the park every year.
 UK UNKNOWN: Abundance unknown.

Abundance details.-Species marked with "O^a" have been sighted in the park fewer than 3 times in the last 40 years.

Residency Status

- b BREEDER: Species that reproduces, or probably reproduces, in the park.
 r RESIDENT: A significant population is maintained in the park for more than two months of each year, but it is not known to breed there.
 m MIGRATORY: Migratory species that occur in the park approximately two months or less each year (usually spring and fall), and do not breed there.
 v VAGRANT: Park is outside of the species' usual range.

- u UNKNOWN: Residency status in the park is unknown.

Residency details.-Species marked with "b^v" are breeders present in the park year-round; "b^s" species are present during the summer breeding season (Mar.-Aug.) but not year-round. Species marked with "r" are present in winter (usually Oct.-Feb.) but not year-round. Species marked with "v" may be designated "unknown" in the national database.

Habitat Types

If more than one habitat type is listed, the habitat in which the species breeds or is observed most often is listed first.

- AH ALL HABITATS: Seen in all habitat types.
 GS GRASS-SHRUB: Semi-arid short-grass prairie, a grassland containing shrubs such as sagebrush, saltbush, winterfat, snakeweed, Mormon tea, rabbitbrush, greasewood, yucca, and cacti.
 JW JUNIPER WOODLAND: Juniper woodland such as the juniper-cliffrose association on the Painted Desert Rim, and the pinyon-juniper woodland on Chinde Mesa.
 OW OPEN WATER: Open water present; sewage ponds.
 RC ROCKS, CLIFFS: Exposed sandstone mesa-tops and sheer rock outcroppings provide nesting sites for many species.
 RE RESIDENTIAL: Park housing areas provide planted trees and shrubs (e.g., cottonwoods, Russian olive) and bird feeders as an inviting habitat for some bird species.
 RW RIPARIAN WOODLAND: Restricted to a narrow belt along major rivers and washes in the park. The vegetation has a dominant overstory of cottonwoods, and/or tamarisk (saltcedar).
 ST STRUCTURES: Non-residential structures in the park, including bridges, barns, and corrals.
 UN UNKNOWN: Habitat type is unknown.

Breeding Status

- * Confirmed breeding: presence of an active nest, fledglings, food, and/or nesting material carried by adults.
 [*] Probably breeding, not confirmed.

		Park Status	Abundance	Residency	Habitat	Breeding Status
GREBES						
Eared Grebe	<i>Podiceps nigricollis</i>	P	O	m	OW	
Pied-billed Grebe	<i>Podilymbus podiceps</i>	P	R	m	OW	
Least Grebe	<i>Trachybaptus dominicus</i>	P	O ^a	v	OW	
Western Grebe	<i>Aechmophorus occidentalis</i>	P	O	m	OW	
PELICANS						
American White Pelican	<i>Pelecanus erythrorhynchos</i>	P	O	m	OW	
HERONS, BITTERNs						
American Bittern	<i>Botaurus lentiginosus</i>	P	O	m	OW	
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	P	O	m	OW	
Green Heron	<i>Butorides virescens</i>	P	O	m	OW,RW	
Cattle Egret	<i>Bubulcus ibis</i>	P	O ^a	m	OW,RW	
Snowy Egret	<i>Egretta thula</i>	P	O ^a	m	OW,RW	
Great Egret	<i>Ardea alba</i>	P	O ^a	m	OW,RW	
Great Blue Heron	<i>Ardea herodias</i>	P	O	m	OW,RW	
IBIS						
White-faced Ibis	<i>Plegadis chihi</i>	P	O	m	OW	
GEESE, DUCKS						
Canada Goose	<i>Branta canadensis</i>	P	O	m	OW	
Mallard	<i>Anas platyrhynchos</i>	P	R	m	OW	
Green-winged Teal	<i>Anas crecca</i>	P	O	m	OW	
American Wigeon	<i>Anas americana</i>	P	O	m	OW	
Northern Pintail	<i>Anas acuta</i>	P	O	m	OW	
Northern Shoveler	<i>Anas chlypeata</i>	P	O	m	OW	
Blue-winged Teal	<i>Anas discors</i>	P	O	m	OW	
Cinnamon Teal	<i>Anas cyanoptera</i>	P	O	m	OW	
Ring-necked Duck	<i>Aythya collaris</i>	P	O	m	OW	
Lesser Scaup	<i>Aythya affinis</i>	P	O ^a	m	OW	
Bufflehead	<i>Bucephala albeola</i>	P	O	m	OW	
Ruddy Duck	<i>Oxyura jamaicensis</i>	P	O	m	OW	
VULTURES, HAWKS, EAGLES						
Turkey Vulture	<i>Cathartes aura</i>	P	R	b ^s	AH	
Osprey	<i>Pandion haliaetus</i>	P	O ^a	v	AH	
Northern Harrier	<i>Circus cyaneus</i>	P	C	r	GS	
Golden Eagle	<i>Aquila chrysaetos</i>	P	UC	b ^y	RC,GS	*
Bald Eagle	<i>Haliaeetus leucocephalus</i>	P	O ^a	v	AH	
Sharp-shinned Hawk	<i>Accipiter striatus</i>	P	R	b ^s	RW	
Cooper's Hawk	<i>Accipiter cooperii</i>	P	R	b ^s	RW	
Northern Goshawk	<i>Accipiter gentilis</i>	U	UK	u	RW	
Red-tailed Hawk	<i>Buteo jamaicensis</i>	P	C	b ^y	AH	*
Swainson's Hawk	<i>Buteo swainsoni</i>	P	UC	b ^s	GS	*
Rough-legged Hawk	<i>Buteo lagopus</i>	P	O	m	AH	
Ferruginous Hawk	<i>Buteo regalis</i>	P	O	r	AH	

		Park Status	Abundance	Residency	Habitat	Breeding Status
FALCONS						
American Kestrel	<i>Falco sparverius</i>	P	C	b ^y	RC,GS	*
Merlin	<i>Falco columbarius</i>	P	R	m	AH	
Prairie Falcon	<i>Falco mexicanus</i>	P	R	b ^y	RC	*
Peregrine Falcon	<i>Falco peregrinus</i>	U	UK	u	RC	
QUAIL						
Scaled Quail	<i>Callipepla squamata</i>	P	C	b ^y	GS	*
RAILS, COOTS						
Virginia Rail	<i>Rallus limicola</i>	P	O ^a	v	OW,RW	
Sora Rail	<i>Porzana carolina</i>	P	O	m	OW,RW	
American Coot	<i>Fulica americana</i>	P	O	m	OW,	
PLOVERS, AVOCETS, SANDPIPERS, PHALAROPES						
Killdeer	<i>Charadrius vociferus</i>	P	C	b ^y	OW,RW	*
Mountain Plover	<i>Charadrius montanus</i>	P	O	m	GS	
American Avocet	<i>Recurvirostra americana</i>	P	C	b ^y	OW	*
Willet	<i>Catoprophorus semipalmatus</i>	P	O	m	OW,RW	
Lesser Yellowlegs	<i>Tringa flavipes</i>	P	O	m	OW,RW	
Spotted Sandpiper	<i>Actitis macularia</i>	P	O	m	OW,RW	
Whimbrel	<i>Numenius phaeopus</i>	P	O	m	GS,RW	
Long-billed Curlew	<i>Numenius americanus</i>	P	O ^a	m	GS,OW	
Western Sandpiper	<i>Calidris mauri</i>	P	O ^a	m	OW	
Least Sandpiper	<i>Calidris minutilla</i>	P	O	m	OW	
Baird's Sandpiper	<i>Calidris bairdii</i>	P	O	m	OW	
Upland(Plover)Sandpiper	<i>Bartramia longicauda</i>	P	O ^a	m	GS	
Common Snipe	<i>Gallinago gallinago</i>	P	O	m	OW	
Wilson's Phalarope	<i>Phalaropus tricolor</i>	P	O	m	OW	
GULLS						
Franklin's Gull	<i>Larus pipixcan</i>	P	O ^a	v	OW	
Ring-billed Gull	<i>Larus scopulinus</i>	P	O	v	OW	
Herring Gull	<i>Larus argentatus</i>	P	O ^a	v	OW	
PIGEONS, DOVES						
Band-tailed Pigeon	<i>Columba fasciata</i>	P	R	u	RE	
Mourning Dove	<i>Zenaida macroura</i>	P	C	b ^y	AH	*
Inca Dove	<i>Columbina inca</i>	P	O ^a	v	UN	
ROADRUNNERS						
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	H ¹	UK	u	RW	
Greater Roadrunner	<i>Geococcyx californianus</i>	P	UC	b ^y	AH	[*]
OWLS						
Short-eared Owl	<i>Asio flammeus</i>	P	R	b ^y	JW	
Long-eared Owl	<i>Asio otus</i>	P	R	b ^y	RW	
Great-Horned Owl	<i>Bubo virginianus</i>	P	UC	b ^y	RW,RE	*
Western Screech Owl	<i>Otus kennicottii</i>	P	R	b ^y	RW	
Burrowing Owl	<i>Athene cunicularia</i>	P	UC	b ^y	GS	[*]

¹Yellow-billed Cuckoos were known to breed in the park in the 70's, but they have not been sighted in the last 20 years. Please report any sightings of Yellow-billed Cuckoos to the park office.

		Park Status	Abundance	Residency	Habitat	Breeding Status
NIGHTHAWKS, NIGHTJARS						
Lesser Nighthawk	<i>Chordeiles acutipennis</i>	U	UK	u	AH	
Common Nighthawk	<i>Chordeiles minor</i>	P	C	b ^s	AH	*
Common Poorwill	<i>Phalaenoptilus nuttallii</i>	P	R	u	AH	
SWIFTS, HUMMINGBIRDS						
Vaux's Swift	<i>Chaetura vauxi</i>	P	O ^a	v	AH	
White-throated Swift	<i>Aerpmaites saxatalis</i>	P	O	m	AH	
Anna's Hummingbird	<i>Calypte costae</i>	P	O	v	RE	
Broad-tailed Hummingbird	<i>Selasphorus platycercus</i>	P	UC	m	RE	
Calliope Hummingbird	<i>Stellula calliope</i>	P	O ^a	m	RE	
Rufous Hummingbird	<i>Selasphorus rufus</i>	P	UC	m	RE	
Allen's Hummingbird	<i>Selasphorus sasin</i>	P	O ^a	v	RE	
KINGFISHERS						
Belted Kingfisher	<i>Ceryle alcyon</i>	P	O ^a	v	RW,RE	
WOODPECKERS						
Acorn Woodpecker	<i>Melanerpes formicivorus</i>	P	O	m	RW,RE	
Lewis's Woodpecker	<i>Melanerpes lewis</i>	P	O	m	JW,RE	
Northern(Red-shafted)Flicker	<i>Colaptes auratus</i>	P	C	b ^v	RW,RE	*
Williamson's Sapsucker	<i>Sphyrapicus thyroideus</i>	P	O	r	RW,RW	
Yellow-bellied Sapsucker	<i>Sphyrapicus nuchalis</i>	P	O	r	RW,RE	
Ladder-backed Woodpecker	<i>Picoides scalaris</i>	P	O ^a	v	RW,RE	
Downy Woodpecker	<i>Picoides pubescens</i>	P	O	u	RW,RE	
Hairy Woodpecker	<i>Picoides pubescens</i>	P	O	u	RW,RE	
FLYCATCHERS						
Olive-sided Flycatcher	<i>Contopus cooperi</i>	P	UC	m	RW	
Western-Wood Pewee	<i>Contopus sordidulus</i>	P	UC	m	RW,JW	
Hammond's Flycatcher	<i>Empidonax hammondi</i>	P	O	m	RW	
Dusky Flycatcher	<i>Empidonax oberholseri</i>	P	R	m	RW	
Northern Beardless Tyrannulet	—	P	O ^a	v	UN	
Cordilleran(Western)Flycatcher	<i>Empidonax occidentalis</i>	P	UC	m	RW	
Black Phoebe	<i>Sayornis nigricans</i>	P	R	m	RW,OW	
Say's Phoebe	<i>Sayornis saya</i>	P	C	b ^v	RW,GS	*
Vermilion Flycatcher	<i>Pyrocephalus rubinus</i>	P	O ^a	v	GS,RE,RW	
Ash-throated Flycatcher	<i>Myiarchus cinerascens</i>	P	UC	b ^s	RW,GS	[*]
Western Kingbird	<i>Tyrannus verticalis</i>	P	C	b ^s	RW,RE	*
Cassin's Kingbird	<i>Tyrannus vociferans</i>	P	UC	b ^s	RW,RE	*
SHRIKES						
Loggerhead Shrike	<i>Lanius ludovicianus</i>	P	A	b ^v	GS,RW,JW	*
VIREOS						
Bell's Vireo	<i>Vireo bellii</i>	U	UK	u	RW	
Hutton's Vireo	<i>Vireo huttoni</i>	P	O ^a	m	RE	
Gray Vireo	<i>Vireo vicinior</i>	U	UK	u	RW	

		Park Status	Abundance	Residency	Habitat	Breeding Status
JAYS, CROWS						
Stellar's Jay	<i>Cyanocitta stelleri</i>	P	O	m	JW,RE	
Clark's Nutcracker	<i>Nucifraga columbiana</i>	P	O ^a	v	JW	
Western(Scrub)Jay	<i>Aphelocoma californica</i>	P	R	u	JW,RE	
Pinyon Jay	<i>Gymnorhinus cyanocephalus</i>	P	O	m	JW	
Black Billed Magpie	<i>Pica pica</i>	P	O ^a	v	JW	
American Crow	<i>Corvus brachyrhynchos</i>	P	O	b ^y	AH	
Common Raven	<i>Corvus corax</i>	P	C	b ^y	AH	*
White-necked Raven	<i>Corvus albicollis</i>	U	UK	u	AH	
LARKS						
Horned Lark	<i>Eremophila alpestris</i>	P	A	b ^y	GS	*
SWALLOWS						
Tree Swallow	<i>Tachycineta bicolor</i>	P	O	m	RW	
Violet-green Swallow	<i>Tachycineta thalassina</i>	P	R	m	RW	
Purple Martin	<i>Progne subis</i>	P	O ^a	v	UN	
Bank Swallow	<i>Riparia riparia</i>	P	O	m	RW	
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	P	C	b ^s	ST,RC,HS	*
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	P	R	m	RW	
Barn Swallow	<i>Hirundo rustica</i>	P	UC	b ^s	AS,RE	*
TITMICE, BUSH TITS						
Juniper (Plain) Titmouse	<i>Baeolophus griseus</i>	P	O	u	JW	
Mountain Chickadee	<i>Poecile gambeli</i>	P	O	m	JW,RE	
Bushtit	<i>Psaltriparus minimus</i>	P	C	b ^y	JW	*
NUTHATCHES, CREEPERS						
Brown Creeper	<i>Certhia americana</i>	P	O	m	JW,RE,RW	
White-breasted Nuthatch	<i>Sitta carolinensis</i>	P	O	m	RW,RE,JW	
Red-breasted Nuthatch	<i>Sitta canadensis</i>	P	UC	m	JW,RW,RE	
Pygmy Nuthatch	<i>Sitta pygmaea</i>	P	O ^a	m	JW,RW,RE	
WRENS						
House Wren	<i>Troglodytes aedon</i>	P	O	m	RW,RE	
Bewick's Wren	<i>Thryomanes bewickii</i>	P	O	u	RW,RE	
Rock Wren	<i>Salpinctes obsoletus</i>	P	C	b ^y	RC	*
Canyon Wren	<i>Catherpes mexicanus</i>	H ²	UK	u	RC	
Marsh Wren	<i>Cistothorus palustris</i>	P	O	m	OW,RW	
KINGLETS, GNATCATCHERS						
Golden-crowned Kinglet	<i>Regulus satrapa</i>	P	R	m	RE	
Ruby-crowned Kinglet	<i>Regulus calendula</i>	P	UC	m	RE,RW,JW	
Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>	P	UC	m	RW,RE	
Black-tailed Gnatcatcher	<i>Polioptila melanura</i>	P	O	m	RW,RE	
BLUEBIRDS, THRUSHES						
Western Bluebird	<i>Sialia mexicana</i>	P	R	r	GS,RE	
Mountain Bluebird	<i>Sialia currucoides</i>	P	UC	r	JW,RE,GS	
Townsend's Solitaire	<i>Myadestes townsendi</i>	P	R	r	JW,RE	
Swainson's Thrush	<i>Catharus ustulatus</i>	P	O	m	RW	
Hermit Thrush	<i>Catharus guttatus</i>	P	UC	m	RW,RE	
American Robin	<i>Turdus migratorius</i>	P	C	r	RE,JW	

²Canyon Wrens were listed as a resident in the park, but there have been no sightings in the last 20 years. Please report any sightings of Canyon Wrens to the park office.

		Park Status	Abundance	Residency	Habitat	Breeding Status
MOCKINGBIRDS, THRASHERS						
Gray Catbird	<i>Dumetella carolinensis</i>	P	O	u	JW,RE	
Northern Mockingbird	<i>Mimus polyglottos</i>	P	C	b ^s	JW,GS,RW	*
Brown Thrasher	<i>Toxostoma rufum</i>	P	O ^a	v	RE,RW	
Sage Thrasher	<i>Oreoscoptes montanus</i>	P	UC	b ^v	GS	*
Bendire's Thrasher ³	<i>Toxostoma bendirei</i>	P	R	b ^s	GS	*
Curve-billed Thrasher ³	<i>Toxostoma curvirostre</i>	P	O	b ^v	GS,	
STARLINGS						
European Starling	<i>Sturnus vulgaris</i>	P	C	b ^v	RE,RW	[*]
PIPITS						
American Pipit	<i>Anthus rubescens</i>	P	O	m	GS	
WAXWINGS						
Bohemian Waxwing	<i>Bombycilla garrulus</i>	P	O ^a	m	RE	
Cedar Waxwing	<i>Bombycilla cedrorum</i>	P	R	m	RE,RW	
SILKY FLYCATCHERS						
Phainopepla	<i>Phainopepla nitens</i>	P	O ^a	u	JW,RE	
WOOD WARBLERS						
Orange-crowned Warbler	<i>Vermivora celata</i>	P	C	m	RW,RE	
Nashville Warbler	<i>Vermivora fuficapilla</i>	P	O	m	RW,RE	
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>	P	O ^a	v	UN	
Lucy's Warbler	<i>Vermivora luciae</i>	P	O	m	RW,RE	
Virginia's Warbler	<i>Vermivora virginiae</i>	P	O ^a	m	RE,JW	
Audubon(Yellow-rumped)Warbler	<i>Dendroica coronata</i>	P	C	m	RW,RE	
Myrtle(Yellow-rumped)Warbler	—	P	O	m	RW,RE	
Black and White Warbler	<i>Mniotilta varia</i>	P	O	m	RW,RE	
Black-throated Gray Warbler	<i>Dendroica nigrescens</i>	P	R	m	RW,RE	
Townsend's Warbler	<i>Dendroica townsendi</i>	P	O	m	RW,RE,JW	
Hermit Warbler	<i>Dendroica occidentalis</i>	P	O	m	RW,RE,JW	
Grace's Warbler	<i>Dendroica graciae</i>	P	O	m	JW,RW,RE	
Palm Warbler	<i>Dendroica palmarum</i>	P	O ^a	v	UN	
Yellow Warbler	<i>Dendroica petechia</i>	P	R	m	RW,RE	
MacGillivray's Warbler	<i>Oporornis tolmiei</i>	P	C	m	RW,RE	
Kentucky Warbler	<i>Oporornis formosus</i>	P	O ^a	v	UN	
Wilson Warbler	<i>Wilsonia pusilla</i>	P	UC	m	RW	
Ovenbird	<i>Seiurus aurocapillus</i>	P	O	m	RW,RE	
Northern Waterthrush	<i>Seiurus noveboracensis</i>	P	O	m	RW,RE	
Common Yellowthroat	<i>Geothlypis trichas</i>	P	O	m	RW,RE	
Yellow-breasted Chat	<i>Icteria virens</i>	P	O ^a	m	RW,RE	
American Redstart	<i>Setophaga ruticilla</i>	P	O	m	RW,RE	
Red-faced Warbler	<i>Cardellina rubrifrons</i>	P	O ^a	v	RW,RE	
TANAGERS						
Summer Tanager	<i>Piranga rubra</i>	P	O ^a	v	RE	
Hepatic Tanager	<i>Piranga flava</i>	P	O ^a	v	RE	
Scarlet Tanager	<i>Piranga olivacea</i>	P	O ^a	v	RE	
Western Tanager	<i>Piranga ludoviciana</i>	P	UC	m	RW,RE	

³Bendire's Thrasher and Curved-billed Thrasher have not been sighted in the last decade. Please report any sightings of these Thrashers to the park office.

		Park Status	Abundance	Residency	Habitat	Breeding Status
TOWHEES, SPARROWS						
Green-tailed Towhee	<i>Pipilo chlorurus</i>	P	R	m	RW,JW	
Canyon (Brown) Towhee	<i>Pipilo fuscus</i>	P	R	b ^y	GS	
Spotted (Rufous-sided) Towhee	<i>Pipilo maculatus</i>	P	R	m	RW	
Cassin's Sparrow	<i>Aimophila cassinii</i>	P	O	u	RW	
Chipping Sparrow	<i>Spizella passerina</i>	P	O	m	GS	
Brewer's Sparrow	<i>Spizella breweri</i>	P	O	u	GS	[*]
Rufous-crowned Sparrow	<i>Aimophila ruficeps</i>	P	O	u	GS	
American Tree Sparrow	<i>Spizella arborea</i>	P	O	u	GS	
Lark Sparrow	<i>Chondestes grammacus</i>	P	R	b ^s	GS	*
Black-throated Sparrow	<i>Amphispiza bilineata</i>	P	A	b ^s	GS	*
Sage Sparrow	<i>Amphispiza belli</i>	P	C	r	GS	
Baird's Sparrow	<i>Ammodramus henslowii</i>	P	O	v	GS	
Fox Sparrow	<i>Passerella iliaca</i>	P	O	u	GS	
Lark Bunting	<i>Calamospiza melanocorys</i>	P	R	m	GS	
Savannah Sparrow	<i>Passerculus sandwichensis</i>	P	O	v	GS	
Lincoln's Sparrow	<i>Melospiza lincolni</i>	P	O	m	RW,GS	
Song Sparrow	<i>Melospiza melodia</i>	P	O	r	RW,GS	
Vesper Sparrow	<i>Pooecetes gramineus</i>	P	O	m	GS	
White-throated Sparrow	<i>Zonotrichia albicollis</i>	P	O	m	GS	
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	P	C	r	GS	
Dark-eyed Junco	<i>Junco hyemalis</i>	P	C	r	GS,RW	
Yellow-eyed Junco	<i>Junco phaeonotus</i>	F				
Chestnut-collard Longspur	<i>Calcarius ornatus</i>	P	O ^a	m	GS	
CARDINALS						
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	P	O ^a	m	RE	
Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>	P	UC	m	RW,RE	
Pyrrhuloxia	<i>Cardinalis sinuatus</i>	P	O ^a	v	UN	
Blue Grosbeak	<i>Guiraca caerulea</i>	P	UC	b ^s	RW	*
Indigo Bunting	<i>Passerina cyanea</i>	P	O	m	RW,RE	
Lazuli Bunting	<i>Passerina amoena</i>	P	C	m	RW,RE	
Painted Bunting	<i>Passerina ciris</i>	P	O ^a	v	UN	
BLACKBIRDS, ORIOLES						
Eastern Meadowlark	<i>Sturnella magna</i>	P	C	b ^s	GS	*
Western Meadowlark	<i>Sturnella neglecta</i>	P	C	b ^s	GS	*
Yellow-headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	P	O	m	AH	
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	P	O	m	RW,GS	
Great-tailed Grackle	<i>Quiscalus mexicanus</i>	P	C	b ^s	RE	*
Brewer's Blackbird	<i>Euphagus cyanocephalus</i>	P	R	m	GS,RE	
Brown-headed Cowbird	<i>Molothrus ater</i>	P	UC	b ^s	RW,GS	*
Hooded Oriole	<i>Icterus cucullatus</i>	U	O ^a	v	RE	
Bullock's Oriole	<i>Icterus bullockii</i>	P	C	b ^s	RE	*
Scott's Oriole	<i>Icterus parisorum</i>	P	O ^a	v	RE	

		Park Status	Abundance	Residency	Habitat	Breeding Status
FINCHES						
Cassin's Finch	<i>Carpodacus cassinii</i>	P	O	m	RW	
House Finch	<i>Carpodacus mexicanus</i>	P	C	b ^y	RW,RE,GS	*
Red Crossbill	<i>Loxia curvirostra</i>	P	O ^a	v	UN	
Pine Siskin	<i>Carduelis pinus</i>	P	O	m	RE,RW	
American Goldfinch	<i>Carduelis tristis</i>	P	O	m	RE,RW	
Lesser Goldfinch	<i>Carduelis psaltria</i>	P	UC	b ^s	RW,RE	[*]
Evening Grosbeak	<i>Coccothraustes vespertinus</i>	P	R	r	RE	
OLD WORLD SPARROWS						
House Sparrow	<i>Passer domesticus</i>	P	C	b ^y	RE	*

SUMMARY

Our revised Petrified Forest National Park bird checklist includes 234 species, 31 more than the 1984 list. One newly listed species, the Eastern Meadowlark (*Sturnella vulgaris*), was found breeding in the park. Of the newly identified avian species, 24 are year-round residents, 24 reside in the park only during breeding season, while 13 are only present during winter. Thirty-two species have been confirmed to breed in the park and 7 more are probable breeders. Forty-three species are rare in the park, having been sighted only once or twice within the past 40 years. Two species appear to have been extirpated within the park. The Yellow-billed Cuckoo bred for at least several years at Puerco River during the 1970's, and was last recorded in the park in 1984. The Canyon Wren was listed on the 1959, 1963, and 1984 park bird check lists as a resident, but there have been no sightings or records of the species in the park since 1966.

MANAGEMENT RECOMENDATIONS

The Petrified Forest National Park bird species checklist should be reviewed at least every 10 years and

updated more often if managers consider it necessary. In the 16 years since publication of the last park bird list, we were able to contribute substantial revisions, including the addition of 31 species. An updated checklist ensures that visitors receive accurate interpretive information, while providing the park an opportunity to solicit information regarding avian species that may appear to be changing in numbers.

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