ecies	Sp	Su	F	W	Hab	Species	Sp	Su	Fν	٧	Hab	Species Sp	Su	ıF	W	
Semipalmated Sandpiper		ı	О	1_	W	Caprimulgiformes: Goatsuckers										
Western Sandpiper		R		-	W	Common Nighthawk	R		0	_	Α	Eastern Kingbird+ —	С	_	<u> </u>	-
Least Sandpiper		С	+	_	W	Eastern Whip-poor-will+	_	R	_	_	F	White-eyed Vireo+ O	I	0		-
White-rumped Sandpiper			+		W	Apodiformes: Swifts and Humm	ingbird	ls				Blue-headed Vireo O	ı	0		-
1 1	-	R	+	-		Chimney Swift	1	Ι	О	_	Α	Yellow-throated Vireo+	I	- 1	-	-
Sanderling	-	R	R	-	W	Ruby-throated Hummingbird-	R	С	R	_	AG	Warbling Vireo+ R	0	О	_	-
Pectoral Sandpiper		0	0	-	W	•						Philadelphia Vireo —	R	R	_	-
Stilt Sandpiper	_	R	R	_	W	Coraciiformes: Kingfishers						Red-eyed Vireo+ C	С	1	_	_
Short-billed Dowitcher	_	0	О	-	W	Belted Kingfisher+	С	С	С	С	WA	Northern Shrike R			R	,
Wilson's Snipe	1	R	0	0	W	Piciformes: Woodpeckers							_			
American Woodcock+	1	R		0	W	Yellow-bellied Sapsucker	ı	_	0	1	F	Blue Jay+ C	С	С	С	
	'				- 11	Red-headed Woodpecker+	R	R	R	R	-	Common Raven O	0	0	0	)
Bonaparte's Gull	0	_	<del>  -</del>	R	W						Г	American Crow+ C	С	С	С	
Ring-billed Gull	С	ı		С	W	Red-bellied Woodpecker+	С	С	С	С	F	Fish Crow+ C	С	С	- 1	
Herring Gull	I	_	0	I	W	Downy Woodpecker+	С	С	С	С	F	Horned Lark O	О	R	0	)
Great Black-backed Gull	R	-	-	R	W	Hairy Woodpecker+	I	Ι	ı	I	F	Barn Swallow+ R	С	С	+_	_
Caspian Tern	0	ı	О	-	W	Northern Flicker+	С	С	С	С	F	aus a H	R	R		
Common Tern	0	R	_	_	W	Pileated Woodpecker+	1	Ι	ı	ı	F		+			_
Forster's Tern	R	R		_	W							Tree Swallow+ O	С	С	-	-
lumbiformes: Doves and Pig		IX.			VV	Falconiformes: Falcons						Northern Rough-winged Swallow O	ı	I	_	-
Rock Pigeon+*		ı	1	ı	AGR	Peregrine Falcon	0	0	0	0	WA	Bank Swallow —	0	0	-	-
Mourning Dove+						American Kestrel+	I	I	ı	T	AG	Purple Martin+ O	1	О	_	-
Widuming Dove+	С	С	С	С	AGR	Merlin	О	_	О	0	AG	Black-capped Chickadee+	R	R	ı	
uculiformes: Cuckoos						D 11 D1 I	'					· ·	+	+	_	
Yellow-billed Cuckoo+	0	ı	ı	-	F	Passeriformes: Perching Birds							С	С		
Black-billed Cuckoo+	0	0	О	_	F	Olive-sided flycatcher		R	_	_	F	Tufted Titmouse+ C	С	С	С	-
						Eastern Wood-Peewee+	_	С	ı	_	F	White-breasted Nuthatch+ C	С	С	С	•
rigiformes: Owls  Barn Owl+	В	R	R	R	AG	Acadian Flycatcher+	_	ı	ı	_	F	Red-breasted Nuthatch+ R	-	R	0	)
	R	N				Yellow-bellied Flycatcher	_	R	_	_	F	Brown Creeper I	_	ı	ı	
Long-eared Owl+	R	_		R	AF	Willow Flycatcher+	_	ı	ı	_	F	Carolina Wren+ C	С	С	С	
Short-eared Owl	0	_	-	0	AG			'	'		'					_
Great Horned Owl+	1	ı	1	1	AGF	Alder Flycatcher+	_	0	_	_	G	Sedge Wren+ —	R	R		_
Barred Owl	R	R	R	R	AF	Least Flycatcher	-	R	_	_	F	Marsh Wren —	R	R		_
Eastern Screech Owl+	ı	1	1	1	AF	Eastern Phoebe+	R	С	С	R	GF	Winter Wren R	-	R	0	)
Northern Saw-whet Owl	R	<u> </u>	R	R	F	Great Crested Flycatcher+	_	С	С	_	F	House Wren+	С	С	_	_
sseriformes: Perching Birds	Sp	Su	ı F	W	Hab	Species	Sp S	iu F	· V	<b>V</b>	Hab	Species S	Sp S	Su F	- W	٧
European Starling+*	С	С	С	С	R	Common Yellowthroat+	С	С	С	_	GF	White-throated Sparrow (	C -	- (	СС	:
Blue-gray Gnatcatcher+	0				F	Hooded Warbler+	0	R	R	_	F	Scarlet Tanager+ C	- (			_
			()	_							F					
Golden-crowned Kinglet	1	<u>'</u>	0	_	г 	American Redstart+	I	0	0	-	Г.	Northern caraman	_		·	
Golden-crowned Kinglet	1	_		С	F	American Redstart+  Cerulean Warbler+	l R	O R	O R	<u> </u>	F	Base hypertad Cycehooly	C (	C (	СС	:
Ruby-crowned Kinglet	1	_ _ _	0		F		+			_ _ _	F	Rose-breasted Grosbeak+ (			C C	; -
		- -		С	F	Cerulean Warbler+	R	R	R O		F F	Rose-breasted Grosbeak+ C Indigo Bunting+ C		C (	C C	-
Ruby-crowned Kinglet		- - 1	0	С	F	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler	R I	R O	R O O	_	F F F				c c	-
Ruby-crowned Kinglet Wood Thrush+		- - 1	0 1 0	С	F F	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler	R I O O	R O R	R O O	_ _ _	F F F	Indigo Bunting+ C Blue Grosbeak I			ı – ı –	
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush	I I I R	- - 1	O I O O R	C O — — — —	F F F F	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler	R I O O I	R O R —	R O O O O	_ _ _	F F F F	Indigo Bunting+ C  Blue Grosbeak I  Dickcissel+ F		C (C   C   C   C   C   C   C   C   C   C	-   -   -   -	-
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush	I	- - 1 -	O I O O R O O	С	F F F F	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler	R I O O I O O	R O R — —	R O O	_ _ _	F F F F	Indigo Bunting+ C  Blue Grosbeak I  Dickcissel+ R  Rusty Blackbird C	C (C		-   -   -   -	-
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush	I	-   1   -   -	O I O O R R	C O — — — O —	F F F F F	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler	R I O O I I	R O R — — R	R O O O O	_ _ _	F F F F F	Indigo Bunting+ C  Blue Grosbeak I  Dickcissel+ Rusty Blackbird C  Common Grackle+ C			-   -   -   -     -	-
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush  American Robin+	I	  -        -    -	O I O O R O R C	C O — — — —	F F F F GFR	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler  Pine Warbler	R I O O I O O	R O R - R - R - R	R O O O O	_ _ _	F F F F F	Indigo Bunting+ C  Blue Grosbeak I  Dickcissel+ Rusty Blackbird C  Common Grackle+ C  Red-winged Blackbird+ C		CC (CC (CC (CC (CC (CC (CC (CC (CC (CC	-   -   -	-
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush	I	-   1   -   -	O I O O R C C	C O — — — O —	F F F F F	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler	R I O O I I	R O R — — R	R O O O O		F F F F GF	Indigo Bunting+ C  Blue Grosbeak I  Dickcissel+ Rusty Blackbird C  Common Grackle+ C		CC (CC (CC (CC (CC (CC (CC (CC (CC (CC	-   -   -   -     -	-
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush  American Robin+	I	_   _   _   _   _   _   _   _   _   _	O I O O R C C C	C O — — O — C	F F F F GFR	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler  Pine Warbler	R I O O I I I I	R O R - R - R - R	R O O O O		F F F F F	Indigo Bunting+ C  Blue Grosbeak I  Dickcissel+ Rusty Blackbird C  Common Grackle+ C  Red-winged Blackbird+ C		CC (CC (CC (CC (CC (CC (CC (CC (CC (CC	-   -   -	-
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush  American Robin+  Eastern Bluebird+	I	- I - - - C	O O O R C C C C	C	F F F F GFR GF	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler  Pine Warbler  Prairie Warbler	R	R O R - R R R	R O O O O		F F F F F	Indigo Bunting+ C  Blue Grosbeak I  Dickcissel+ Rusty Blackbird C  Common Grackle+ C  Red-winged Blackbird+ C  Brown-headed Cowbird*+ C		CC (CC (CC (CC (CC (CC (CC (CC (CC (CC	-   -   -	-
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush  American Robin+  Eastern Bluebird+  Northern Mockingbird+	I	- I I C C C	O I O O R C C C C	C O O — — O C C C R	F F F GFR GF GF	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler  Pine Warbler  Prairie Warbler  Palm Warbler	R R I O O I I I I I I I	R O R R R R	R O O O O		F F F F GF	Indigo Bunting+ C  Blue Grosbeak I  Dickcissel+ R  Rusty Blackbird C  Common Grackle+ C  Red-winged Blackbird+ C  Brown-headed Cowbird*+ C  Bobolink+ I  Eastern Meadowlark+ I	C (C	C	-   -   -	-
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush  American Robin+  Eastern Bluebird+  Northern Mockingbird+  Gray Catbird+  Brown Thrasher+	I	- I I - C C C C C I I	O I O O R O C C C I I	C O — — O C C C R R	F F F F GFR GF GF	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler  Pine Warbler  Prairie Warbler  Palm Warbler  Yellow Warbler+	R R I O O I I I I I C C	R O R — — R — C C	R O O O O I I I I I I I I I I I I I I I		F F F F GF	Indigo Bunting+ C  Blue Grosbeak I  Dickcissel+ Rusty Blackbird C  Common Grackle+ C  Red-winged Blackbird+ C  Brown-headed Cowbird*+ C  Bobolink+ I  Eastern Meadowlark+ I  Orchard Oriole+ C	C (C C C C C C C C C C C C C C C C C C		-   -   -	-
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush  American Robin+  Eastern Bluebird+  Northern Mockingbird+  Gray Catbird+  Brown Thrasher+  Cedar Waxwing+	I	- I I C C C C C C C C	O I O O R O C C C I I	C O O — — O C C C R R R O O	F F F F GFR GF GF GF	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler  Pine Warbler  Prairie Warbler  Palm Warbler  Yellow Warbler+  Yellow-rumped Warbler	R R I O O I I I I I C C C	R O R R R - C R	R O O O O I I I I I I I C C		F F F F GF	Indigo Bunting+ C  Blue Grosbeak I  Dickcissel+ R  Rusty Blackbird C  Common Grackle+ C  Red-winged Blackbird+ C  Brown-headed Cowbird*+ C  Bobolink+ I  Eastern Meadowlark+ I  Orchard Oriole+ C				
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush  American Robin+  Eastern Bluebird+  Northern Mockingbird+  Gray Catbird+  Brown Thrasher+  Cedar Waxwing+  House Sparrow+*	I	- I I - C C C C C I I	O I O O R O C C C I I	C O — — O C C C R R	F F F F GFR GF GF	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler  Pine Warbler  Prairie Warbler  Palm Warbler  Yellow Warbler+  Yellow-rumped Warbler  Yellow-throated Warbler  Chestnut-sided Warbler+	R	R O R R R - C R R	R O O O O O I I I I I I I I I I I I I I		F F F F GF	Indigo Bunting+  Blue Grosbeak  Dickcissel+  Rusty Blackbird  Common Grackle+  Red-winged Blackbird+  Brown-headed Cowbird*+  Bobolink+  Eastern Meadowlark+  Orchard Oriole+  Baltimore Oriole+  Evening Grosbeak	C (C C C C C C C C C C C C C C C C C C		-   -   -	
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush  American Robin+  Eastern Bluebird+  Northern Mockingbird+  Gray Catbird+  Brown Thrasher+  Cedar Waxwing+	I	- I I C C C C C C C C	O I O O R O C C C I I	C O O — — O C C C R R R O O	F F F F GFR GF GF GF	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler  Pine Warbler  Prairie Warbler  Palm Warbler  Yellow Warbler+  Yellow-rumped Warbler  Yellow-throated Warbler+  Black-throated Green Warbler	R R I O O O I I I I I C C C O I I C C	R O R R R - C R R O I	R O O O O I I I I I I I C C		F F F F GF	Indigo Bunting+ C  Blue Grosbeak I  Dickcissel+ R  Rusty Blackbird C  Common Grackle+ C  Red-winged Blackbird+ C  Brown-headed Cowbird*+ C  Bobolink+ I  Eastern Meadowlark+ I  Orchard Oriole+ C				
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush  American Robin+  Eastern Bluebird+  Northern Mockingbird+  Gray Catbird+  Brown Thrasher+  Cedar Waxwing+  House Sparrow+*	I	- I I C C C C C C C C	O	C O O — — — C C C R R R O C	F F F F GFR GF GF GF GF	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler  Pine Warbler  Prairie Warbler  Palm Warbler  Yellow Warbler+  Yellow-rumped Warbler  Yellow-throated Warbler  Chestnut-sided Warbler+  Black-throated Green Warbler  Wilson's Warbler	R R I O O I I O C C O I I C C I I	R O R R R - C R R	R O O O O O I I I I I I I I I I I I I I		F F F F GF	Indigo Bunting+  Blue Grosbeak  Dickcissel+  Rusty Blackbird  Common Grackle+  Red-winged Blackbird+  Brown-headed Cowbird*+  Bobolink+  Eastern Meadowlark+  Orchard Oriole+  Baltimore Oriole+  Evening Grosbeak	C (C			
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush  American Robin+  Eastern Bluebird+  Northern Mockingbird+  Gray Catbird+  Brown Thrasher+  Cedar Waxwing+  House Sparrow+*  American Pipit	I	- I I C C C C C C C C C C C C C C C	O	C O O — — — C C C R R R O C	F F F F GFR GF GF GF GF GF	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler  Pine Warbler  Prairie Warbler  Palm Warbler  Yellow Warbler+  Yellow-rumped Warbler  Yellow-throated Warbler  Chestnut-sided Warbler+  Black-throated Green Warbler  Wilson's Warbler  Canada Warbler	R R I O O O I I I I I I C C C O I I I I I I	R O R R R - C R R O I R I I	R O O O O O O C C C C I I		F F F F GF	Indigo Bunting+  Blue Grosbeak  Dickcissel+  Rusty Blackbird  Common Grackle+  Red-winged Blackbird+  Brown-headed Cowbird*+  Bobolink+  Eastern Meadowlark+  Orchard Oriole+  Baltimore Oriole+  Evening Grosbeak  Purple Finch		C (C		
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush  American Robin+  Eastern Bluebird+  Northern Mockingbird+  Gray Catbird+  Brown Thrasher+  Cedar Waxwing+  House Sparrow+*  American Pipit  Yellow-breasted Chat+  Ovenbird+	I	- I I C C C C C C C C I C C C C I I C C C C	O I O O R O C C C I I C C O O O	C O O — — — C C C R R R O C	F F F F GFR GF GF GF GF F F	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler  Pine Warbler  Prairie Warbler  Palm Warbler  Yellow Warbler+  Yellow-rumped Warbler  Yellow-throated Warbler  Chestnut-sided Warbler+  Black-throated Green Warbler  Wilson's Warbler  Canada Warbler  Eastern Towhee+	R R I O O O I I O C C I I C C C C C C C C C	R O R R R - C R R O I	R O O O O O C R I I C C C I I C C C C C C C C C C C		F F F F F F F F F F F F F F F F F F F	Indigo Bunting+ CO Blue Grosbeak I  Dickcissel+ Rusty Blackbird CO Common Grackle+ CO Red-winged Blackbird+ CO Brown-headed Cowbird*+ I Bobolink+ I Eastern Meadowlark+ I Orchard Oriole+ CO Evening Grosbeak Purple Finch I House Finch+* CO Pine Siskin CO		C	-   -	
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush  American Robin+  Eastern Bluebird+  Northern Mockingbird+  Gray Catbird+  Brown Thrasher+  Cedar Waxwing+  House Sparrow+*  American Pipit  Yellow-breasted Chat+  Ovenbird+  Worm-eating Warbler+	I	- I I C C C C C C C C C C C C C C C	O I O O R C C C C I I C C O O R	C O O — — — C C C R R R O C	F F F F GFR GF GF GF F F F F F F F F F F	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler  Pine Warbler  Prairie Warbler  Palm Warbler  Yellow Warbler+  Yellow-rumped Warbler  Chestnut-sided Warbler+  Black-throated Green Warbler  Wilson's Warbler  Canada Warbler  Eastern Towhee+  American Tree Sparrow	R R I O O O I I O O I I O C C O I I C C O O O O	R O R R R - C R R O I R I I	R O O O O R I I I C C I I C C O O		F F F F GF	Indigo Bunting+ CO Blue Grosbeak I  Dickcissel+ Rusty Blackbird CO Common Grackle+ CO Red-winged Blackbird+ CO Brown-headed Cowbird*+ I Bobolink+ I Eastern Meadowlark+ I Orchard Oriole+ CO Evening Grosbeak Purple Finch I House Finch+* CO Pine Siskin CO		C (C		
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush  American Robin+  Eastern Bluebird+  Northern Mockingbird+  Gray Catbird+  Brown Thrasher+  Cedar Waxwing+  House Sparrow+*  American Pipit  Yellow-breasted Chat+  Ovenbird+  Worm-eating Warbler+  Northern Waterthrush	I	- I I C C C C C C C C I R R -	O I O O R C C C C I I C C O O R R R R R	C O O — — — C C C R R R O C	F F F GFR GF GF GF F F GF GF WF	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler  Pine Warbler  Prairie Warbler  Palm Warbler  Yellow Warbler+  Yellow-rumped Warbler  Yellow-throated Warbler  Chestnut-sided Warbler+  Black-throated Green Warbler  Wilson's Warbler  Canada Warbler  Eastern Towhee+	R R I O O O I I O C C I I C C C C C C C C C	R O R R R - C R R O I R I I	R O O O O O C R I I C C C I I C C C C C C C C C C C		F F F F F F F F F F F F F F F F F F F	Indigo Bunting+  Blue Grosbeak  Dickcissel+  Rusty Blackbird  Common Grackle+  Red-winged Blackbird+  Brown-headed Cowbird*+  Bobolink+  Eastern Meadowlark+  Orchard Oriole+  Baltimore Oriole+  Evening Grosbeak  Purple Finch  House Finch+*  Pine Siskin  American Goldfinch+		C		
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush  American Robin+  Eastern Bluebird+  Northern Mockingbird+  Gray Catbird+  Brown Thrasher+  Cedar Waxwing+  House Sparrow+*  American Pipit  Yellow-breasted Chat+  Ovenbird+  Worm-eating Warbler+	I	- I I C C C C C C C C I C C C C I I C C C C	O I O O R C C C C I I C C O O R R R R R	C O O — — — C C C R R R O C	F F F F GFR GF GF GF F F F F F F F F F F	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler  Pine Warbler  Prairie Warbler  Palm Warbler  Yellow Warbler+  Yellow-rumped Warbler  Chestnut-sided Warbler+  Black-throated Green Warbler  Wilson's Warbler  Canada Warbler  Eastern Towhee+  American Tree Sparrow	R R I O O O I I O O I I O C C O I I C C O O O O	R O R C R R O I R - C C C	R O O O O R I I I C C I I C C O O		F F F F F F F F F F F F F F F F F F F	Indigo Bunting+ CO Blue Grosbeak I  Dickcissel+ Rusty Blackbird CO Common Grackle+ CO Red-winged Blackbird+ CO Brown-headed Cowbird*+ I Bobolink+ I Eastern Meadowlark+ I Orchard Oriole+ CO Evening Grosbeak Purple Finch I House Finch+* CO Pine Siskin CO		C		
Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush  American Robin+  Eastern Bluebird+  Northern Mockingbird+  Gray Catbird+  Brown Thrasher+  Cedar Waxwing+  House Sparrow+*  American Pipit  Yellow-breasted Chat+  Ovenbird+  Worm-eating Warbler+  Northern Waterthrush	I	- I I C C C C C C C C I R R -	O	C O O — — — C C C R R R O C	F F F GFR GF GF GF F F GF GF WF	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler  Pine Warbler  Prairie Warbler  Palm Warbler  Yellow Warbler+  Yellow-rumped Warbler  Chestnut-sided Warbler+  Black-throated Green Warbler  Wilson's Warbler  Canada Warbler  Eastern Towhee+  American Tree Sparrow  Field Sparrow+	R R I O O O I I O O I I I O C C O O I I C C C C	R O R R - C R R C O I R C C C C	R O O O O O O O O O O O O O O O O O O O		F F F F F F F F F F F F F F F F F F F	Indigo Bunting+  Blue Grosbeak  Dickcissel+  Rusty Blackbird  Common Grackle+  Red-winged Blackbird+  Brown-headed Cowbird*+  Bobolink+  Eastern Meadowlark+  Orchard Oriole+  Baltimore Oriole+  Evening Grosbeak  Purple Finch  House Finch+*  Pine Siskin  American Goldfinch+		C		
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Ruby-crowned Kinglet  Wood Thrush+  Veery+  Swainson's Thrush  Hermit Thrush  Gray-cheeked Thrush  American Robin+  Eastern Bluebird+  Northern Mockingbird+  Gray Catbird+  Brown Thrasher+  Cedar Waxwing+  House Sparrow+*  American Pipit  Yellow-breasted Chat+  Ovenbird+  Worm-eating Warbler+  Northern Waterthrush  Louisiana Waterthrush+  Prothonotary Warbler+  Black-and-white Warbler+  Golden-winged Warbler  Blue-winged Warbler	I	- I I C C C C C C C C C C C C C C C	O I O O R C C C C I I C C O O R R R O C C C C C C C C C C C C	C O — — — — — — — — — — — — — — — — — —	F F F GFR GF GF GF GF GF GF F F F F F F	Cerulean Warbler+  Northern Parula  Black-throated Blue Warbler  Magnolia Warbler  Blackburnian Warbler  Blackpoll Warbler  Bay-breasted Warbler  Prairie Warbler  Palm Warbler  Yellow Warbler+  Yellow-rumped Warbler  Chestnut-sided Warbler+  Black-throated Green Warbler  Wilson's Warbler  Canada Warbler  Eastern Towhee+  American Tree Sparrow  Field Sparrow+  Chipping Sparrow+  Savannah Sparrow+  Lincoln's Sparrow  Swamp Sparrow+	R I O O I I O I I I I C C C O I C C I I C C I I R I I I R I I I R	R O R R R O R C C R R I	R O O O O O O O O O O O O O O O O O O O		F F F GF F F GF GF GG GG GG GG GG GG WG	Indigo Bunting+  Blue Grosbeak  Dickcissel+  Rusty Blackbird  Common Grackle+  Red-winged Blackbird+  Brown-headed Cowbird*+  Bobolink+  Eastern Meadowlark+  Orchard Oriole+  Baltimore Oriole+  Evening Grosbeak  Purple Finch  House Finch+*  Pine Siskin  American Goldfinch+		C (C		
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White-crowned Sparrow

Happy birding!
List compiled by Nicholas R. Minnich : middlecreek@pa.gov

Mourning Warbler

Baird's Sandpiper	_	Я	Я	_	M
nilnuQ	_	0	Я	_	M
Upland Sandpiper	_	Я	Я	_	M
Spotted Sandpiper+	_	Э	Ι	_	M
Solitary Sandpiper	_	Э	ı	_	M
Lesser Yellowlegs	-	Э	ı	_	M
Greater Yellowlegs	-	Э	ı	_	M
facovA necinamA	_	Я	_	_	Μ
Killdeer+	I	Э	Э	I	Μ
Semipalmated Plover	_	0	0	_	Μ

### Charadriiformes: Sandpipers, Gulls, Terns and Allies

M	_	_	Я	Я	Sora	
M	_	_	В	В	+lisЯ sinigviV	
M	T	Ι	_	Τ	JooD nsɔinəmA	
M	_	_	_	Я	+əlunillaƏ nommo⊃	
A	Я	Я	_	Я	Sandhill Crane	

### Gruiformes: Rails and Allies

A	Я	_	_	Я	Golden Eagle	
AW	Э	Э	Э	Э	Bald Eagle+	
A	Я	Я	_	Я	gongh-legged Hawk	
A	_	0	0	Я	Broad-winged Hawk+	
A	0	0	В	0	geq-sponlgered Hawk+	
A	Э	Э	Э	Э	Red-tailed Hawk+	
Ð∀	I	I	В	0	Northern Harrier+	
A	0	I	0	0	Cooper's Hawk+	
A	0	0	Я	0	Sharp-shinned Hawk+	
AW	_	I	I	0	Osbrey	
A	Э	Э	Э	Э	Turkey Vulture+	
A	I	I	I	I	Black Vulture	

Accipitriformes: Hawks and Vultures

Species Sp Su F W Hab

# Middle Creek Wildlife Management Area is

owned and operated by the Pennsylvania Game Commission. Striving to protect waterfowl habitat and songbird nesting grounds, **Middle Creek WMA** is an Important Bird Area recognized by the National Audubon Society. Its 6000+ acre property supports more than 300 individual species during any given year and contains a mosaic of forestland, native grassland fields, and wetlands.

# **CHECKLIST KEY**

## **SEASONS**

Sp	Spring	March-May
Su	Summer	June-July
F	Fall	August-November

# **STATUS**

+	Breeding	Confirmed Breeder (120)
*	Introduced	Non-native Avian Species
ITAL	Listed	State Endangered or Threatened

December-February

# **OCCURRENCE**

Winter

С	Common	Certain to be found in habitat
I	Infrequent	Usually present; not certain
0	Occasional	Seen only a few times during season
R	Rare	Not to be expected
_		Does not occur during season

# **HABITAT**

F	Forest	Interior and patchy woodlots
G	Grassland	Meadows and fields
W	Wet	Marshes, riparian, and mud flats
Α	Aerial	Birds mostly seen on the wing
R	Ruderal	Disturbed areas such as road edges

AW	_	_	Я	_	sidl yssol	
M	_	_	Я	_	Yellow-crowned Night-Heron	
M	_	Я	0	Я	Black-crowned Night-Heron+	
M	_	0	Э	0	Green Heron+	
M	_	_	Я	Я	*Fgret	
M	_	0	0	_	Little Blue Heron	
M	_	Я	Я	_	feret Σgret	
AW	0	Э	Э	0	Great Egret	
ΑW	Э	Э	Э	Э	Great Blue Heron+	
M	_	_	Я	_	Least Bittern	
M	Я	Я	Я	0	American Bittern	

#### Pelecaniformes: Herons, Egrets and Allies

Μ	0	Э	Э	Э	Double-crested Cormorant+	
					liformes: Cormorants	nς
M	_	Я	_	Я	Red-throated Loon	
M	0	0	_	ı	сошшои гоои	

#### Gaviiformes: Loons

Podicipediformes: Grebes										
M	ı	0	Я	Ι	Pied-billed Grebe					
M	Ι	Ι	_	ı	Horned Grebe					

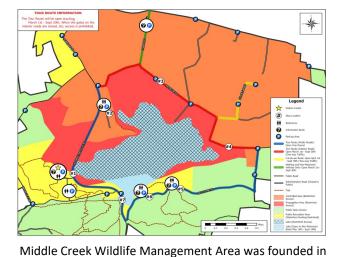
_							
	Ruffed Grouse+	Я	Я	Я	Я	4	
	Wild Turkey+	0	Τ	Τ	Ι	GF	
	Ring-necked Pheasant+*	0	Ι	Ι	ı	9	

## Galliformes: Quail, Turkey, Pheasants and Allies

Μ	_	В	_	Я	Surf Scoter	
M	_	Я	_	Я	White-winged Scoter	
M	Ι	_	_	0	улqqλ Dnck	
M	0	_	_	0	Red-breasted Merganser	
M	Э	I	_	Ι	Common Merganser	

Sp Su F W Hab

Species



1973 with the purpose of improving the habitat and increasing the population of Canada geese while providing waterfowl hunting opportunities. This "if you build it, they will come" approach to conservation led to unimaginable success in species abundance and diversity. Fifty years later, Middle Creek remains as a primary stopover site for migrating avian species as well as a haven for mammals, insects, plants, and other native organisms. Middle Creek is consistently diversifying habitat in order to sustain and increase species richness of its "residents." Nesting structures for American kestrels, barn owls, mallards, wood ducks, Canada geese, and songbird cavity nesters are a common occurrence across the property. The Game Commission also utilizes Middle Creek as a premier location for conservation education and public outreach. Birders, hikers, naturalists, photographers, hunters, and



other nature enthusiasts are all able and encouraged to

Μ	Ι	Ι	_	_	Hooded Merganser+	
M	0	_	_	0	აგәսәрլо၅ uommoე	
M	I	_	_	ı	Виfflehead	
M	Я	_	_	Я	Long-tailed Duck	
M	I	_	_	ı	Fesser Scaup	
W	0	_	_	0	Greater Scaup	
Μ	Э	_	_	Э	Ring-necked Duck	
M	I	0	_	ı	Кеdhead	
M	Я	_	_	В	Canvasback	
M	0	0	_	Ι	+ls9T b9gniw-9ul8	
M	I	0	_	ı	Green-winged Teal+	
Μ	I	0	_	ı	Northern Pintail	
Μ	Э	I	_	I	American Black Duck+	
Μ	I	0	_	I	noəgiW nsɔinəmA	
M	Я	_	_	_	Eurasian Wigeon	
M	I	0	_	ı	llewbeƏ	
Μ	I	0	_	ı	Northern Shoveler	
Μ	I	Э	Э	Э	Mood Duck+	
M	Э	Э	Э	Э	Hallard +	
Μ	Я	_	_	Я	Trumpeter Swan+	
Μ	Э	I	_	I	Tundra Swan	
Μ	I	_	0	0	*nsw2 9JuM	
Μ	Я	_	_	_	Brant	
Μ	0	_	_	_	Greater White-fronted Goose	
ΑW	Э	Э	Э	Э	Canada Goose+	
ΑW	0	0	_	0	Cackling Goose	
Μ	Я	_	_	_	Ross's Goose	
ΑW	Э	0	0	ı	Snow Goose	

Sp Su F W Hab

Anseriformes: Ducks, Geese, Swans and Allies

# Bird Checklist

# MIDDLE CREEK



Wildlife Management Area Important Bird Area (IBA)

# Bird Checklist

