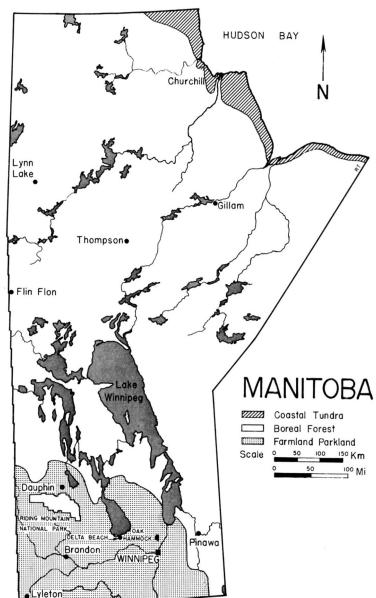
CHECKLIST OF THE BIRDS OF MANITORA



Date: _______
Location(s): ______
Weather: _____
Observer(s): _____

Manitoba Avian Research Committee Nature Manitoba Revised 2009



INTRODUCTION

Manitoba's wide range of habitats support a great diversity of bird species. Of the 391 confirmed species included in this checklist, at least 306 occur regularly and 287 have bred in the province. Manitoba is an excellent place to find some of the "most wanted" species in North America, such as Spruce and Sharp-tailed Grouse, Yellow Rail, Ross's Gull (at Churchill), Northern Hawk Owl, Great Gray Owl, Three-toed Woodpecker, Sprague's Pipit, Connecticut Warbler and Baird's and Le Conte's Sparrows. Because of Manitoba's central location on the North American continent, vagrants can and do arrive from all points of the compass.

REGIONS. For this checklist, Manitoba has been divided into three regions (see map on back cover). **Coastal Tundra** borders Hudson Bay and includes both low arctic tundra and taiga-tundra transition. Four different Bird Conservation Regions are represented within Manitoba's **Boreal Forest** consisting of mixed and coniferous forest as well as spruce-tamarack bogs. The **Farmland/Parkland** region once included prairie habitat but today consists chiefly of agricultural land, aspen parkland and riparian woodland. However, fragments of prairie and a number of grassland areas remain. Pockets of boreal forest occur within this region and pockets or larger tracts of farmland have been cleared at the southern fringes of the Boreal Forest region.

The distribution of species within a given region may not be uniform. Within the Boreal Forest, marked differences in abundance may occur from north to south. For example, White-winged Scoter and Arctic Tern are more common in the north than in the south, while Mourning Warbler and American Redstart are more prevalent in the south. Uneven distributions may also occur within the Farmland/ Parkland. Species more common in the western part of this region include Greater White-fronted and Ross's Geese (during migration) and typical grassland birds such as Ferruginous Hawk and Sprague's Pipit. American Woodcock and Chestnut-sided Warbler are examples of species more common in the eastern portion.

SEASONS. In this checklist, seasons are defined as:

Spring (Sp) March, April, May Summer (Su) June, July, August

Fall (F) September, October, November Winter (W) September, January, February

Under this classification, "spring" arrives in the Coastal Tundra at the same time it does in the Farmland/Parkland—a situation that does not reflect climatological reality!

Species are listed in the order established by the American Ornithologists' Union Check-list of North American Birds, 7th Edition,49th Supplement (2008).

Criteria for acceptance of species. Records are considered confirmed when documented by one of the following: 1) a recognizable photograph or video recording; 2) a voice recording; 3) a convincing description by two or more competent observers submitted in writing to the Manitoba Ornithological Records Committee (MORC); or 4) a specimen.

Birding "Hot Spots". While there are many good places to find birds in Manitoba, several locations stand out. The area around Churchill is famous for its Arctic birds and rarities such as Ross's Gull. In southwestern Manitoba, Whitewater Lake is worth a visit and the Lyleton-Melita area offers many western birds not found elsewhere in the province. Also in the west are Duck Mountain, Turtle Mountain and Spruce Woods Provincial Parks and Riding Mountain National Park. All of these are "islands" of forest in the prairie "ocean." In southeastern Manitoba, Oak Hammock Marsh, Delta Marsh, Seven Sisters Falls area, Whiteshell Provincial Park, lakeside resorts and cottage communities offer fine birding opportunities. Within the city of Winnipeg, Assiniboine Park and several smaller city parks can be productive, especially during migration. For details on how to reach some of these sites, consult the bird-finding guide listed in the Reference Materials section.

Manitoba has a group of enthusiastic birders who will gladly supply information on recent bird sightings. Call the Nature Manitoba office at 204-943-9029 for assistance in reaching someone in the group. Recent bird sightings can also be accessed at:

http://groups.yahoo.com/group/Manitobabirds

A Manitoba Bird Records File has been established at the Manitoba Museum (190 Rupert Avenue, Winnipeg, MB, R3B 0N2). This file acts as a repository for records of all bird species occurring in the province. Your sightings may be included in this file by contacting Rudolf Koes, rkoes@mts.net, 135 Rossmere Cres., Winnipeg, MB, R2K 0G1; 204-661-0763. Especially valuable would be information from less extensively birded areas such as the northern half and the extreme southeast of the province.

The Manitoba Ornithological Records Committee is responsible for evaluating rare bird reports and ruling on additions to the provincial species list. Written documentation should be submitted to the committee via the Nature Manitoba website. Follow the *Birding* link at www.manitobanature.ca. Digital images or any other documentation can be e-mailed to Rudolf Koes at rkoes@mts.net or mailed to Rudolf Koes (see address under Manitoba Bird Records File).

Natural history societies in the province include:

Nature Manitoba - 401-63 Albert Street, Winnipeg, MB

R3B 1G4; 204-943-9029; mns1@mts.net

Brandon Naturalists Society - 3265 Rosser Ave., Brandon, MB R7B 0H1; 204-727-2995

Portage Natural History Group - 621 Countess Ave., Portage la Prairie, MB R1N 0S7

Intermountain Naturalists Society - 114 5th Ave. SW, Dauphin, MB R7N 1V4; 204-638-8395

Selkirk Birdwatchers Club - 15 Mapleridge Dr., Selkirk, MB, R1A 2Y5

Reference Materials

Bezener, A. and De Smet, K., 2000. Manitoba Birds. Lone Pine Publishing, Edmonton, Alberta, Canada.

Jehl, J. R., Jr., 2004. <u>Birdlife of the Churchill Region: Status, History, Biology</u>. Trafford Publishing, Victoria, British Columbia, Can-

Manitoba Avian Research Committee, 2003. The Birds of Manitoba. Manitoba Naturalists Society, Winnipeg, Manitoba, Can-

Manitoba Avian Research Committee and Brandon Naturalists Society, 2006. Finding Birds in Southern Manitoba. Manitoba Naturalists Society, Winnipeg, Manitoba, Canada.

This checklist is a collaborative effort of the Manitoba Avian Research Committee (MARC). It was first compiled in November, 1986. Revisions were made in 2000 and 2009.

The cover illustration was drawn by R. Koes.

The map was prepared by R. Tkachuk.

Technical support was provided by Manitoba Hydro.

ABUNDANCE CODES

- A Abundant: can be observed on all visits to preferred habitats during the proper season, usually in large numbers.
- C Common: can be observed on most visits to preferred habitat during the proper season, numbers may vary considerably.
- F Fairly Common: often observed in preferred habitat, usually in low numbers.
- U Uncommon: infrequently observed in preferred habitat. Its presence is not surprising.
- R Rare: seldom observed but expected to occur annually.
- O Occasional: seven or more records since January 1, 1960: not expected to occur annually. since January 1, 1960:
- ac Accidental: one to six records since 1960.

ac - Accidental: sightings before 1960.

- <u>ac¹</u>- Accidental: one bird present for more than one season.
- I Irruptive: abundance varies dramatically from year to year.
- * Local: restricted to a few locations within the region.

BREEDING STATUS

- A species for which breeding is confirmed, eggs or flightless young observed, and which is believed to have bred since 1960.
- A species for which breeding is or was suspected without conclusive evidence.
- E A species for which breeding is confirmed but which is not known to have bred since 1960.

SPECIES		ARM ARK				BOR FOR				COAS TUN		
	Sp	Su	F	W	Sp	Su	F	W	Sp	Su	F	И
GEESE, SWANS & DUCK	S											
Greater White-fronted Goose	F	R	R		R	ac	F		R	R		
Snow Goose	Α	U	Α	ac	Α	R	Α		Α	A*	Α	
Ross's Goose	U	ac	U		R		R	<u>ac</u>	С	C*	С	
Brant	ac		ac						ac	R	U	
Cackling Goose	С		С	ac	С		С		Α	U		
Canada Goose	Α	Α	Α	U	Α	Α	Α	R	Α	Α	Α	
Mute Swan	ac	ac	ac		ac			ac		ac		
Trumpeter Swan	R	R	R		R	R	R		ac	ac		
Tundra Swan	С	R	С	ac	U	R	F	ac	F	F	F	
Wood Duck	F	F	F	ac	F	F	F		ac	ac		
Gadwall	С	С	С	ac	U	U	U		U	U		
Eurasian Wigeon	0	ac	ac		ac		<u>ac</u>		<u>ac</u>	ac		
American Wigeon	С	С	С	ac	F	F	С		U	F	U	
American Black Duck	R	R	U	ac	U	U	U		F	F	F	
Mallard	Α	Α	Α	U	С	С	С	R	С	С	U	
Blue-winged Teal	Α	Α	Α	ac	F	F	С			U		
Cinnamon Teal	0	0	ac		ac							
Northern Shoveler	Α	С	С	ac	U	U	J		U	F	F	
Northern Pintail	Α	С	Α	0	F	F	F	ac	С	С	С	
Garganey	ac	ac										
Green-winged Teal	С	U	С	0	F	F	С	ac	С	С	С	
Canvasback	С	С	С	ac	F	F	F	ac	ac	R		
Redhead	С	С	С	ac	F	F	F		ac	R	0	
Ring-necked Duck	F	F	F	0	F	F	F	0	ac	R		
Tufted Duck	ac											
Greater Scaup	U	0	U	ac	С	U	С	0	R	С	F	
Lesser Scaup	Α	F	С	R	С	F	С	0	R	U		
King Eider			ac						R	R	R	а
Common Eider			ac			ac	ac		С	С	С	а
Harlequin Duck	ac	ac	0		ас	ас	0	ac		R	ас	
Surf Scoter	ac		R		R	R	U		R	С	U	
White-winged Scoter	R	0	R	ac	U	U	U	ac	R	F	U	
Black Scoter	ac		0		R	R	R		R	С	U	
Long-tailed Duck	0		0	ac	0	ac	R	0	С	С	С	
Bufflehead	F	U	F	ac	С	F	С	0	ac	U	ас	
Common Goldeneye	С	U	F	0	С	С	С	U*	R	С	0	

SPECIES		ARM ARK				BOR FOR				COAS		
0. 20.20	Sp	Su	F	W	Sp	Su	F	W	Sp	Su	F	W
Barrow's Goldeneye	0		ac		ac		ac			0		
Hooded Merganser	U	U	U	ac	U	U	U	0		R	ac	
Common Merganser	С	R*	F	0	С	С	С	R	R	С		
Red-breasted Merganser	U		U	ac	С	F	F	0	R	С	F	
Ruddy Duck	F	F	F	ac	R	U	R			ac		
PARTRIDGES, GROUSE 8	k TU	RKE	YS									
Gray Partridge	F	F	F	F	R*	R*	R*	R*				
Ring-necked Pheasant	U*	U*	U*	U*								
Ruffed Grouse	F	F	F	F	F	F	F	F		ac		
Spruce Grouse	R*	R*	R*	R*	U	U	U	U	R	R	R	R
Willow Ptarmigan	<u>ac</u>			ac	U	U*	U	U	F	F	F	F
Rock Ptarmigan								0	F	ac	F	F
Sharp-tailed Grouse	С	С	С	С	F	F	F	F	ac	ac	ac	
Greater Prairie-Chicken		Extir	pate	d		Extir	pate	d				
Wild Turkey	U	U	U	U	0*	0*	0*	0*				
LOONS												
Red-throated Loon	ac	ac	ac		R	ac	0	ac	U	F	R	
Pacific Loon			ac		R	R	0		U	F	\Box	
Common Loon	U	R	U		F	F	F	0	ac	U	ac	
Yellow-billed Loon		ac							ac	ac		
GREBES												
Pied-billed Grebe	С	С	С	ac	U	U	U	ac	ac	R		
Horned Grebe	С	U	F	ac	С	U	F	ac	R	U	R	
Red-necked Grebe	С	F	U	ac	С	F	U	ac		ac		
Eared Grebe	С	С	С		U*	R*	0					
Western Grebe	С	С	С		F	С	R	ac				
Clark's Grebe	R*	R*	R*		ac		ac					
GANNETS												
Northern Gannet										ac		
PELICANS												
American White Pelican	С	F	F		С	С	J	ac	ac	0		
CORMORANTS												
Double-crested Cormorant	С	F	С	ac	Α	Α	Α	0		0		
BITTERNS & HERONS												
American Bittern	F	F	F		F	F	U	ac	0	F	R	
Least Bittern	R	R	ac		R*	R*				ac		

2

SPECIES		ARM ARK		_		BOR FOR				COAS		
	Sp	Su	F	W	Sp	Su	F	W	Sp	Su	F	И
BITTERNS & HERONS												
Great Blue Heron	F	F	F	ac	F	F	F		ac	0	ac	
Great Egret	U	U	U		R	R	ac			ac		
Snowy Egret	R	R	0		ac	ac	ac					
Little Blue Heron	ac	ac	ac		ac		ac			ac		
Tricolored Heron	ac	0	ac		ac							
Cattle Egret	U	U	U	ac	ac	ac					ac	
Green Heron	R	R	0		0	0						
Black-crowned Night-Heron	F	F	כ		R	R				ac		
Yellow-crowned Night-Heron	0	0	ac									
IBISES & WOOD STORK												
White Ibis	ac											
Glossy Ibis	ac	ac										
White-faced Ibis	R*	U*	U*									
Wood Stork		ac										
VULTURES												
Black Vulture					ac							
Turkey Vulture	F	U	F	ac	F	F	F		F	ac		
EAGLES & HAWKS									•			
Osprey	U	U	U		U	U	U		U	U	R	
Bald Eagle	F	U	F	R	F	F	F	U	U	U	R	
Northern Harrier	F	F	F	R	F	F	U	ac	R	F	F	
Sharp-shinned Hawk	F	U	F	R	U	U	U		ac	ac	ac	
Cooper's Hawk	U	U	U	R	R	R	R	ac				
Northern Goshawk	U	R	U	R	U	U	U	U	R	R	R	а
Red-shouldered Hawk	0	ac	ac	ac	ac	ac						
Broad-winged Hawk	U	U	U		U	U	U		ac			
Swainson's Hawk	F	F	F		0	ac	_					
Red-tailed Hawk	C	C	C	0	F	F	F	0	R	R	ac	
Corruginava Havde	R*	R*	R*	Ť	ac	ac	Ė		<u> </u>	<u> </u>		
Dough logged House	F	0	F	U	F	R	F	R	F	U	U	
0.11 5 1	R	ac	R	R	R	0	R	ac		R	J	H
FALCONS	11	<u>uc</u>	- 1 \	١,	١,			uc		١,		
American Kestrel	F	F	F	R	С	С	F	ac	R	R	R	
Merlin	F	F	F	U	U	U	U	0	U	F	R	
Gyrfalcon	R	<u>'</u>	R	R	R	J	R	R	R	ас	U	ı
Peregrine Falcon	U	Р	U	R	R	R	R	0	U	U	U	۲
Prairie Falcon	0	R R	R	0	К	К			U	ac	ac	
r rame i alcon	U	K	K	3			ac	ac		ac	ac	
SPECIES	FARMLAND PARKLAND					BOR FOR				COAS		
	Sp	Su	F	W	Sp	Su	F	W	Sp	Su	F	ı
SANDPIPERS, PHALARO	550			-								

ND	BOREAL	COASTAL

_	SANDPIPERS, PHALARO	PES	& A	LLIE	:5							
•	Least Sandpiper	Α	С	F		F	F	U	R	С	0	
	White-rumped Sandpiper	С	F	U		U	U	R	R	С	С	
	Baird's Sandpiper	С	F	U		R	U	U	R	U	U	
•	Pectoral Sandpiper	С	С	С		U	С	С	R	U	R	
	Purple Sandpiper	<u>ac</u>								ac	R	
•	Dunlin	С	R	F		U	ac	R	R	С	С	
	Curlew Sandpiper		ac						ac	ac		
•	Stilt Sandpiper	F	С	F		R	כ	כ	כ	O		
	Buff-breasted Sandpiper	0	R	R			*	ac		כ		
	Ruff	ac	ac			ac				0		
•	Short-billed Dowitcher	С	С	O		F	כ	כ	R	O	0	
	Long-billed Dowitcher	R	J	O		ac		כ		0		
•	Wilson's Snipe	С	С	O		С	O	O	כ	O	כ	
•	American Woodcock	U	U	R		F	F	כ				
•	Wilson's Phalarope	С	С	כ		F	F	R	ac	R		
•	Red-necked Phalarope	F	F	F		R	כ	כ	R	O	ac	
	Red Phalarope	ac	ac	0				ac	R	כ	ac	

•	Wilson's Filalatope	٥	٥	ט		L	L	ĸ		ac	К		
•	Red-necked Phalarope	H	H	H		R	כ	כ		R	С	ac	
	Red Phalarope	ac	ac	0				ac		R	C	ac	
	GULLS, TERNS & JAEGE	RS											
	Black-legged Kittiwake			ac				ac			ac		
	lvory Gull	ac			ac				ac		ac	0	
	Sabine's Gull			0		ac	ac	0		R	С	ac	
•	Bonaparte's Gull	O	F	O		O	O	Α		כ	С	F	
	Black-headed Gull										ac	ac	
•	Little Gull		ac	ac			ac	0		ac	R		
•	Ross's Gull	ac	ac							ac	R*	ac	
	Laughing Gull	ac	ac				ac				ac		
•	Franklin's Gull	Α	Α	O		O	O	R			0		
	Black-tailed Gull										ac		
•	Mew Gull	ac		ac		R	ac	ac			R		
•	Ring-billed Gull	Α	Α	Α	ac	Α	Α	O	ac	R	F	כ	
•	California Gull	כ	כ	R		*	*	ac			ac		
•	Herring Gull	O	O	O	R	O	O	O	R	O	Α	С	ac
•	Thayer's Gull	ac		0		ac		0		כ	J	R	
	Iceland Gull	ac		ac				ac	ac	Ř	R*	R*	
	Lesser Black-backed Gull	ac		ac		ac	ac	ac			0		
	Slaty-backed Gull	ac											
	Glaucous-winged Gull			ac							ac		
	·												

SPECIES		ARM ARK				BOR FOR				COAS		
	Sp	Su	F	W	Sp	Su	F	W	Sp	Su	F	1
RAILS & COOTS												
Yellow Rail	U	U	R		U	U				U		
King Rail			<u>ac</u>									
Virginia Rail	F	F	F		F	F	F		ac	ac		
Sora	С	С	С		С	С	С		ac	F		
Common Moorhen		ac										
American Coot	Α	Α	Α	ac	С	F	С	ac	ac	0		
CRANES								•	•	•		
Sandhill Crane	С	U	С	ac	С	С	С	ac	F	U	U	
Whooping Crane	0	ac	ac		0	ac			ac	ac	ac	
PLOVERS												
Black-bellied Plover	С	F	F		U	U	U		R	U	U	
American Golden-Plover	С	U	F		J	R	F		С	С	С	
Semipalmated Plover	U	F	U		U	U	U		R	С	R	
Piping Plover	R*	R*	R*		R*	R*						
Killdeer	С	С	F		F	F	F		U	U	R	
STILTS & AVOCETS								•	•			
Black-necked Stilt	0	0	ac									
American Avocet	F	F	F		R*	R*				ac		
SANDPIPERS, PHALARO	PES	& AL	LIE	S								
Spotted Sandpiper	F	F	F		F	F	U		ac	U	R	
Solitary Sandpiper	U	U	U		U	U	U		ac	U		
Wandering Tattler										ac		
Greater Yellowlegs	С	С	С		F	F	F		0	U	R	
Willet	F	F	R		ac	ac				0		
Lesser Yellowlegs	Α	Α	С		F	F	כ		U	С	U	
Upland Sandpiper	F	F	0		R	R	ac			0		
Eskimo Curlew		Extir	pated	d		Extirp	oated	i		Extir	oate	
Whimbrel	R	0			R	R	ac		U	С	U	
Long-billed Curlew	ac	ac			<u>ac</u>							
Hudsonian Godwit	U	R	R		U	ac	ac		U	С	R	
Marbled Godwit	F	F	U		U	U				ac		
Ruddy Turnstone	С	U	U		R	U			U	Α	U	
Red Knot	U	U	R		ac	<u>ac</u>	ac			U		
Sanderling	С	F	F		U	F	F		0	С	F	
Semipalmated Sandpiper	С	С	С		כ	F	כ		R	С	U	
Western Sandpiper	ac	ac	ac			ac			ac	ac		

SPECIES		ARM ARK					EST			COAS	
	Sp	Su	F	W	Sp	Su	F	W	Sp	Su	F
GULLS, TERNS & JAEGE	RS										
Glaucous Gull	R	0	R		0	ac	0	ac	U	U	J
Great Black-backed Gull	0	ac	ac		ac	ac	ac		ac	0	ac
Least Tern		ac									
Caspian Tern	F	U	F		F	С	F			R	
Black Tern	С	С	U		F	F	R		ac	0	
White-winged Tern										ac	
Common Tern	С	F	С		С	С	С			R	
Arctic Tern	0	ac	ac		R	U	ac		R	Α	ac
Forster's Tern	С	С	С		F	F	U			ac	
Pomarine Jaeger		ac	ac							R	
Parasitic Jaeger	ac	ac	0			ac	0		R	F	R
Long-tailed Jaeger	ac	ac	ac		<u>ac</u>	0			ac	J	ac
AUKS											
Dovekie							<u>ac</u>				
Black Guillemot			ac						ac	R	0
Ancient Murrelet			<u>ac</u>			ac					
PIGEONS & DOVES											
Rock Pigeon	Α	Α	Α	Α	U*	U*	U*	U*	<u>ac</u>	0	0
Band-tailed Pigeon	ac			ac	ac	ac				ac	
Eurasian Collared-Dove	R	R	R	R							
White-winged Dove		ac			ac	ac1	ac1				
Mourning Dove	С	С	С	R	F	F	F	ac	ac	ac	ac
Passenger Pigeon		Ext	inct			Ext	inct	•		Ext	inct
сискооѕ											
Yellow-billed Cuckoo	ac	0				ac					
Black-billed Cuckoo	U	U	0		U	U	0			ac	
BARN OWLS											
Barn Owl	ac	ac	ac	ac							
TYPICAL OWLS											
Eastern Screech-Owl	U	U	U	U	ac	ac	ac	ac			
Great Horned Owl	F	F	F	F	F	F	F	F	R	R	R
Snowy Owl	F	ac	F	F	U		U	U	U	R	υ
Northern Hawk Owl	0	ac	R	R	R	R	R	R	0	R	
Burrowing Owl	R*	R*	R*								
Barred Owl	R	R	R	R	U	U	U	U	ac	ac	ac
Great Gray Owl	R	0	R	R	U	U	U	U		0	
Long-eared Owl	U	U	U	ac	U	U	U	ac	ac	0	ac

SPECIES		ARM ARK				BOR FOR				COAS		
0. 25.20	Sp	Su	F	W	Sp	Su	F	W	Sp	Su	F	И
TYPICAL OWLS						•		•	•			
Short-eared Owl	U	U	U	R	U	U	U	ac	U	F	U	
Boreal Owl	R	ac	ac	R	U	R	R	R	0	ac	ac	а
Northern Saw-whet Owl	U	U	U	0	F	U	R	ac				
GOATSUCKERS												
Common Nighthawk	F	F	U		U	F	U			0		
Whip-poor-will	U	U	0		F	F	0			ac		
SWIFTS						•		•	•			
Chimney Swift	F*	F*	R*		R*	R*						
HUMMINGBIRDS												
Ruby-throated Hummingbird	U	U	U		U	U	U			ac	ac	
Broad-tailed Hummingbird	ac											
Rufous Hummingbird		ac	ac			ac				ac		
KINGFISHERS		•		•		•		•	•	•		
Belted Kingfisher	U	U	U	ac	U	U	U	ac	ac	ac		
WOODPECKERS												
Lewis's Woodpecker	<u>ac</u>	ac	ac	<u>ac</u>	ac	ac	ac			ac		
Red-headed Woodpecker	U	U	R	0	R	R	R	ac		ac		
Red-bellied Woodpecker	0	ac	0	0		ac	ac					
Yellow-bellied Sapsucker	F	F	F	ac	F	F	F					
Downy Woodpecker	F	F	F	F	F	F	F	F		ac		
Hairy Woodpecker	F	F	F	F	F	F	F	F		R*	ac	
Am. Three-toed Woodpecker	0		0	0	U	U	U	U	U	U	R	F
Black-backed Woodpecker	0	ac	R	R	U	U	U	U	ac	R		
Northern Flicker	С	F	С	R	С	С	С	0	R	U	R	
Pileated Woodpecker	U	U	U	U	U	U	U	U				
FLYCATCHERS												
Olive-sided Flycatcher	U	U	U		U	F	R			0		
Western Wood-Pewee	R*	R*			R*	U*						
Eastern Wood-Pewee	U	F	U		U	F	R			ac		
Yellow-bellied Flycatcher	U	U	U		R	U				R		
Alder Flycatcher	F	F	U		С	С	R			U		
Willow Flycatcher	U*	U*			ac	ac						
Least Flycatcher	С	С	F		С	С	U			ac		
Eastern Phoebe	F	F	J		F	F	U			ac		
Say's Phoebe	U*	U*	0							ac		
Great Crested Flycatcher	F	F	R		F	F	ac					
Western Kingbird	С	С	J		U*	U*	R			ac		

	SPECIES	FARMLAND PARKLAND				BOR FOR					STAI DRA		
	0. 20.20	Sp	Su	F	W	Sp	Su	F	W	Sp	Su	F	W
\Box .	Eastern Kingbird	С	С	F		F	F	U		ac	0	ac	
	Scissor-tailed Flycatcher	ac	ac	ac		ac	ac	ac			<u>ac</u>	<u>ac</u>	
	SHRIKES												
•	Loggerhead Shrike	R*	R*	0		0	0	0			ac		
	Northern Shrike	U		U	U	U	U	U	U	U	U	U	
	VIREOS												
	White-eyed Vireo		ac										
Π.	Yellow-throated Vireo	U	U	R		0	0						
Π.	Blue-headed Vireo	F	U	F		F	F	U		ac			
	Warbling Vireo	С	С	R		U	U	R					
	Philadelphia Vireo	U	R	U		U	U	U			ac		
	Red-eyed Vireo	F	Α	F		F	Α	F			ac		
	JAYS, MAGPIES & CROW	s											
•	Gray Jay	R*	R*	U	U	С	С	С	С	U	U	U	U
П.	Blue Jay	С	С	С	С	С	С	С	С		ac		
	Western Scrub-Jay								ac				
	Pinyon Jay			ac									
	Clark's Nutcracker	<u>ac</u>		<u>ac</u>				ac					
•	Black-billed Magpie	F	F	F	F	U	U	U	U	ac	ac	ac	ac
•	American Crow	С	С	С	כ	С	С	C	R	R	כ	R	
•	Common Raven	F	F	F	F	С	С	C	С	C	C	C	С
	LARKS												
	Horned Lark	O	С	O	כ	С	\supset	F	0	O	F	O	
	SWALLOWS												
•	Purple Martin	F	F	U		U	U	R					
□•	Tree Swallow	O	С	U		С	С	כ		Ů*	U*		
	Violet-green Swallow	ac		<u>ac</u>		<u>ac</u>	ac				ac		
	N. Rough-winged Swallow	\supset	C	0		U*	υ*				ac¹	ac¹	
	Bank Swallow	С	С	U		F	F	R		ac	R		
Π.	Cliff Swallow	С	С	U		С	С	U			0		
— .	Barn Swallow	С	С	С		С	С	F			R		
	CHICKADEES												
— •	Black-capped Chickadee	С	С	С	С	С	С	С	С	ac	ac	0	ac
П.	Boreal Chickadee	0	ac	U	U	U	U	U	U	U	U	U	R
	NUTHATCHES & CREEPE	RS											
	Red-breasted Nuthatch	F	F	F	U	F	F	F	U		ac	ac	
П.	White-breasted Nuthatch	F	F	F	F	U	U	U	U				
□•	Brown Creeper	F		F	R	U	U	כ	0	ac	0		

SPECIES			LAN			BOR FOR			_		STAI DRA	_	
	Sp	Su	F	W	Sp	Su	F	W	Sp	Su	F	W	
WRENS													
Rock Wren	0	ac					ac		ac	ac	ac		
Carolina Wren	ac	ac	ac	ac			ac	ac					
House Wren	С	С	F		F	F	U			ac			
Winter Wren	U		U	ac	F	F	U			ac			
Sedge Wren	С	С	U		F	F	U			ac			
Marsh Wren	С	С	F		F	F	U	ac					
KINGLETS & GNATCATCHERS													
Golden-crowned Kinglet	F	R	F	R	F	F	F	R		<u>ac</u>			
Ruby-crowned Kinglet	С	F	С	ac	С	F	С		R	U	ac		
Blue-gray Gnatcatcher		ac	ac			ac	ac						
THRUSHES													
Northern Wheatear	ac						ac		ac	0	ac		
Eastern Bluebird	U	U	U	ac	U	U	U	<u>ac</u>		ac			
Mountain Bluebird	U*	U*	U*	ac	R*	R*	0		ac	ac			
Townsend's Solitaire	0		0	0		ac	ac	ac			ac		
Veery	F	F	R		С	С	R						
Gray-cheeked Thrush	U	U	U		F	F	U		ac	U	ac		
	-	-	-		_	_	-			_			

O O ac

С С С

R R

ac

F ac F

U U R

Swainson's Thrush

Hermit Thrush

Wood Thrush

? Varied Thrush

Gray Catbird Northern Mockingbird

Sage Thrasher

Brown Thrasher

STARLINGS European Starling

American Pipit

Sprague's Pipit WAXWINGS

Bohemian Waxwing Cedar Waxwing

PIPITS

Curve-billed Thrasher

American Robin

MIMIC THRUSHES

С

ac ac

C U* C ac F F F

A A A R C C C

C C C ac F F U

ac

F F U O U U R ac ac

R R

ac¹ ac¹

O ac R R ac

C C

C U

ac ac

O ac

R ac

0

ac

C U* C

0

R

ac

ac ac

0 0

O <u>ac</u>

C C C F F F F U U* U* U* O*

F R F R*

 C
 C
 C
 C
 F
 U
 C
 C
 R
 U
 R

 F
 C
 C
 U
 F
 C
 C
 ac
 O
 O

O U

		-	ARM	1 4 4 1	<u> </u>		BOR	E ^ !		,	COAS	2 T A I	
	SPECIES		ARIN ARK		_		BOR FOR			_	TUN		_
	OI EGIEG	Sp	Su	F	W	Sp	Su	F	W	Sp	Su	F	W
	WARBLERS	-								-			
1	Blue-winged Warbler			ac									
١.	Golden-winged Warbler	U	U	0		U	U						
١.	Tennessee Warbler	Α	С	С		Α	С	С			U	ac	
١.	Orange-crowned Warbler	С	U	С	ac	F	F	F		0	F	0	
	Nashville Warbler	С	F	F		С	С	С			ac		
	Northern Parula	R	R	R		U	U	R			ac	ac	
	Yellow Warbler	Α	Α	U		С	С	U			С	ac	
•	Chestnut-sided Warbler	F	F	U		С	С	U					
•	Magnolia Warbler	F	U	F		С	С	F			0		
•	Cape May Warbler	F	כ	כ	ac	F	F	F	ac		ac		
?	Black-throated Blue Warbler	0	ac	0		ac	ac	ac			ac		
•	Yellow-rumped Warbler	Α	כ	Α	ac	Α	С	С		R	F	U	
	Black-throated Gray Warbler	ac											
•	Black-throated Green Warbler	U	כ	כ		F	F	J			ac		
•	Blackburnian Warbler	F	J	J		F	F	U				ac	
	Yellow-throated Warbler	ac	ac										
•	Pine Warbler	0	ac	0		*	Ů*	R*					
	Prairie Warbler						ac						
•	Palm Warbler	С	R	O		O	F	F		ac	R	ac	
•	Bay-breasted Warbler	F	U	F		U	F	U			ac		
•	Blackpoll Warbler	С	U	С		С	С	С			С	0	
	Cerulean Warbler		<u>ac</u>										
•	Black-and-white Warbler	С	F	U		F	F	F					
•	American Redstart	С	F	С		С	С	С			ac	ac	
	Prothonotary Warbler	ac	ac	ac									
	Worm-eating Warbler	ac											
	Swainson's Warbler	ac											
•	Ovenbird	С	F	F		С	С	U		ac			
•	Northern Waterthrush	С	U	С		U	U	U		0	С		
	Kentucky Warbler	ac		ac									
•	Connecticut Warbler	U	כ	R		F	F						
•	Mourning Warbler	F	F	R		O	С	0					
•	Common Yellowthroat	С	O	O		O	С	С			0	ac	
1	Hooded Warbler	ac	ac	ac							<u>ac</u>		
•	Wilson's Warbler	F	כ	כ		F	F	J			R		
•	Canada Warbler	U	כ	כ		כ	U	0			ac		
	Yellow-breasted Chat	ac	0				ac						

8

•	rennessee warbier	А	C	C		А	C	C			U	ac	
•	Orange-crowned Warbler	С	U	С	ac	F	F	F		0	F	0	
•	Nashville Warbler	С	F	F		С	С	С			ac		
•	Northern Parula	R	R	R		U	U	R			ac	ac	
•	Yellow Warbler	Α	Α	U		С	С	U			С	ac	
•	Chestnut-sided Warbler	F	F	U		С	С	U					
•	Magnolia Warbler	F	U	F		С	С	F			0		
•	Cape May Warbler	F	U	U	ac	F	F	F	ac		ac		
?	Black-throated Blue Warbler	0	ac	0		ac	ac	ac			ac		
•	Yellow-rumped Warbler	Α	U	Α	ac	Α	С	O		R	F	U	
	Black-throated Gray Warbler	ac											
•	Black-throated Green Warbler	U	U	U		F	F	U			ac		
•	Blackburnian Warbler	F	U	U		F	F	U				ac	
	Yellow-throated Warbler	ac	ac										
•	Pine Warbler	0	ac	0		U*	U*	R*					
	Prairie Warbler						ac						
•	Palm Warbler	С	R	С		C	F	F		ac	R	ac	
•	Bay-breasted Warbler	F	J	F		כ	F	כ			ac		
•	Blackpoll Warbler		J	С		O	С	O			O	0	
	Cerulean Warbler		<u>ac</u>										
•	Black-and-white Warbler	С	F	U		F	F	F					
•	American Redstart	С	F	С		С	С	С			ac	ac	
	Prothonotary Warbler	ac	ac	ac									
	Worm-eating Warbler	ac											
	Swainson's Warbler	ac											
•	Ovenbird	С	F	F		С	С	U		ac			
•	Northern Waterthrush	С	J	С		כ	U	כ		0	O		
	Kentucky Warbler	ac		ac									
•	Connecticut Warbler	J	J	R		F	F						
•	Mourning Warbler Common Yellowthroat		F	R		O	С	0					
•			С	С		С	С	C			0	ac	
	Hooded Warbler	ac	ac	ac							<u>ac</u>		
•	Wilson's Warbler	F	U	U		F	F	J			R		
•	Canada Warbler	U	U	U		כ	U	0			ac		
	Yellow-breasted Chat	ac	0				ac						

9

SPECIES		FARMLAND PARKLAND				BOREAL FOREST			COASTAL TUNDRA					SPECIES		ARM ARK				BOR FOR	COAS				
		Su	F	W	Sp	Su	F	W	Sp	Su	F	W			Sp	Su	F	W	Sp	Su	F	W	Sp	Su	ı
TANAGERS														CARDINALS & ALLIES											
Summer Tanager	0	ac	0	ac	ac	ac	ac						•	Northern Cardinal	R	R	R	R	ac	ac	ac	0			Ī
Scarlet Tanager	U	U	R		U	U	0			ac			•	Rose-breasted Grosbeak	F	F	U		F	F	R			ac	Ī
Western Tanager	0	ac	ac		0	0				ac			?	Black-headed Grosbeak	0	0	ac	ac		ac	ac				Ī
SPARROWS														Lazuli Bunting	0	0			ac	ac					Ī
Green-tailed Towhee	ac		ac1	ac¹									•	Indigo Bunting	F	F	0		F	F	0			ac	Ī
Spotted Towhee	R	R	ac	ac						ac			•	Dickcissel	ac	Ι	ac			ac					ĺ
Eastern Towhee	U	U	U	0	R*	R*		ac						BLACKBIRDS											
American Tree Sparrow	F		F	0	F	F	F	ac	С	Α	С		•	Bobolink	F	F	U		U	U	R		ac	ac	Ī
Chipping Sparrow	С	С	С	ac	С	С	F	ac	ac	R			•	Red-winged Blackbird	Α	Α	Α	R	С	С	С	0	R	R	Ī
Clay-colored Sparrow	С	С	U	ас	F	F	U		ac	0				Eastern Meadowlark		ac			ac	ac					ĺ
Brewer's Sparrow		ac											•	Western Meadowlark	С	С	С	0	F	F	F	ac	<u>ac</u>	0	ĺ
Field Sparrow	0	0	0	ac	0	0							_ •	Yellow-headed Blackbird	С	С	O	0	F	F	R	ac	ac	0	
Vesper Sparrow	С	С	F	ac	U	U	R		ac				_ •	Rusty Blackbird	F		F	R	F	U	F	ac	U	U	
Lark Sparrow	U	U	ac		ac	ac	ac			0			•	Brewer's Blackbird	С	С	O	0	F	F	R	ac		ac	
Lark Bunting	R	I	ac	ac	ac					ac			•	Common Grackle	С	С	O	R	С	С	С	R	<u>ac</u>	0	Ì
Savannah Sparrow	Α	Α	Α		С	С	С		U	Α	R		•	Brown-headed Cowbird	С	С	R	ac	F	F	R		ac	R	Ì
Grasshopper Sparrow	U	U			0*	0*							•	Orchard Oriole	F	F	ac			<u>ac</u>					
Baird's Sparrow	R	R	0		E	Extir	pate	d					•	Baltimore Oriole	С	С	U	ac	F	F	R		ac		
Le Conte's Sparrow	F	F	U		F	F	U			0				NORTHERN FINCHES											
Nelson's Sharp-tailed Sparrow	U	F	ac		U*	U*				U				Brambling	ac		ac	ac							
Fox Sparrow	F		F	0	F	U	F	ac	U	F	R			Gray-crowned Rosy-Finch	ac		<u>ac</u>	ac	ac		ac	ac			
Song Sparrow	С	С	С	ac	С	С	F	ac	R	U			_ •	Pine Grosbeak	U		J	U	F	R	С	С	U	U	
Lincoln's Sparrow	F	R*	F		F	F	F		R	U			•	Purple Finch	F	R	J	R	F	F	F	0	ac	ac	
Swamp Sparrow	F	U	F	ac	F	F	F		R	U	R		•	House Finch	U	U	J	U	U*	U*	U*	R*			
White-throated Sparrow	С	U	С	R	Α	Α	С	0	R	U	R		•	Red Crossbill	R	R	R	R	R	R	R	R		0	
Harris's Sparrow	F	0	F	0	F	F	F	0	U	U	R		?	White-winged Crossbill	I	Ι	Ι	Ι	Ι	Ι	Ι	Ι	Ι	ı	
White-crowned Sparrow	F	ac	F	0	F	F	F		С	Α	U		•	Common Redpoll	С	ac	С	С	С	F	С	С	С	С	
Golden-crowned Sparrow	ac				ac								•	Hoary Redpoll	U		J	U	U	U	U	U	F	F	
Dark-eyed Junco	Α	R	Α	U	Α	С	Α	R	U	U	R	ac	•	Pine Siskin	F	U	F	U	С	С	С	R		0	
McCown's Longspur	ac		ac		ac								•	American Goldfinch	С	Α	С	U	F	F	F	0		ac	
Lapland Longspur	Α	ac	Α	U	С	R	С	ac	Α	F	Α		•	Evening Grosbeak	U	R	U	U	F	F	F	F			
Smith's Longspur	U		U		R	U*	R		0	U	ac		_	OLD WORLD SPARROW	s										_
Chestnut-collared Longspur	F*	F*	R		ac	ac							_	House Sparrow	Α	Α	Α	Α	F	F	F	F	U*	U*	
Snow Bunting	Α	ac	Α	С	С		С	F	Α	F	Α	ac	•	Eurasian Tree Sparrow	ac1	ac1	ac¹	ac¹		$oxed{oxed}$					

NOTES: