

Long Island
National Wildlife Refuge Complex
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January 2001



U.S. Fish & Wildlife Service

Long Island

National Wildlife Refuge Complex

Birds

Rufous-sided Towhee
Sheldon M. Pollack



This goose, designed by J.N. "Ding" Darling, has become the symbol of the National Refuge System.

Welcome to the Long Island National Wildlife Refuge Complex! One of the primary purposes of the Complex is to manage for migratory birds. In turn, excellent opportunities for birdwatching abound. Refuge access is listed below.



Wertheim Refuge

Wertheim protects 2,550 acres on the south shore of Long Island, including the Carmans River—one of the last and largest undeveloped estuaries on Long Island. The refuge has a wide variety of habitats including oak-pine woodland, fields, ponds, river, streams, bay and fresh, brackish and saltwater marshes. These habitats attract and support a remarkable diversity and abundance of wildlife, including birds. The primary importance of the refuge is protection of the Carmans River estuary for use by migratory waterfowl—particularly black ducks, scaup, wood ducks and gadwall. Access is available by foot at the fishing access site and on the White Oak Nature Trail, or by boat to the Indian Landing Trail. Carry-

in boat launching is available at the fishing access site or at Squassux Landing. Access is available daily from 8 a.m. to 4:30 p.m.

Directions

From Route 27A/80 (Montauk Highway), turn south onto Smith Road, just east of the Carmans River. Go ¼ mile and the entrance to the office is on the right. Office hours are Monday-Friday, 8 a.m. to 4:30 p.m. (See map opposite.)

Target Rock Refuge

Target Rock is 80 acres on a peninsula on the north shore of Long Island. The refuge is comprised of mostly upland forest and a half mile of bay beach. You are likely to find a variety of songbirds, waterfowl, bank swallows, shorebirds and an occasional raptor. The diversity of warblers is best viewed during migration in May and September. Both beach (partial beach closure from April through August) and upland trails are open to the public. Access is available daily from ½ hour before sunrise to ½ hour after sunset. An entrance fee is charged.

Directions

From Route 110 in Huntington, Route 25A west ¼ mile. North on West Neck Road. Follow onto Lloyd Harbor Road. Entrance is at the end of the road on the right. (See map next page.)

Common Tern





Elizabeth A. Morton Refuge

Morton consists of 187 acres including Jessups Neck, and contains exceptionally diverse habitats. Sandy, gravel and rocky beaches fringe the peninsula, while the wooded bluffs of Jessups Neck overlook Peconic and Noyack Bays. The remainder is upland forest, brackish and fresh water ponds, a lagoon and open fields. The refuge was set aside to protect a unique natural area for migratory birds. Endangered and threatened species such as piping plovers (Federally and NY State listed), least terns (NY State listed) and osprey (NY State listed) use the beach area for nesting. A loss of habitat and human disturbance have caused populations to decline throughout their range, they are now protected by law. During the nesting season (April to August), public access to the peninsula is prohibited to protect nesting habitat. Both beach (partial beach closure from April through August) and upland trails are open to the public. Access

is available daily from ½ hour before sunrise to ½ hour after sunset. An entrance fee is charged.

Directions

From Route 27 at Exit 8, north on North Sea Road (Route 38) for North Sea. Straight at traffic light, bear right onto Noyack Road, Refuge is 5 miles on the left. (See map below.)

Enjoy Your Visit!

Visitors can expect to see wildlife at any time, but viewing is best during early morning and evening hours while taking a quiet, observant walk or boat trip. Remember, these animals are wild and shy. For the best chance to see them, bring binoculars and have patience.

As part of the National Wildlife Refuge System, the Long Island National Wildlife Refuge Complex is committed to the primary goal of protecting our nation's wildlife. We need your support in accomplishing our goal.





R. W. Parris/USFWS

Short-billed Dowitchers

Season

Sp	Spring	March – May
S	Summer	June – August
F	Fall	September – November
W	Winter	December – February

Relative Abundance

Relative abundance indicates how frequently you might see a bird in its favored habitat.

- a** abundant very numerous
- c** common certain to be seen or heard in suitable habitat
- u** uncommon present, but not certain to be seen
- o** occasional seen only a few times during the season
- r** rare seen at intervals of 2 to 5 years

* Birds documented breeding on the Refuge.
Italics indicate threatened/endangered species.

	Morton				Target Rock				Wertheim			
	Sp	S	F	W	Sp	S	F	W	Sp	S	F	W
Loons												
__ Red-Throated Loon.....	u	r	u	u					u	r	u	u
__ Arctic Loon.....	r											
__ Common Loon.....	c	r	c	c					u	r	u	u
Grebes												
__ Pied-billed Grebe*.....	u		u	u					c	o	c	c*
__ Horned Grebe.....	c	r	a	c					o		o	o
__ Red Necked Grebe.....									o		o	o
__ Eared Grebe.....	r		r	r								
__ Western Grebe.....	r											
Gannets												
__ Northern Gannet.....	o		r	r								
Pelicans												
__ Brown Pelican.....										r		
Cormorants												
__ Double-crested Cormorant.....	a	a	a	o					c	c	c	o
__ Great Cormorant.....	u		u	u					o		o	o
Bitterns - Herons - Egrets												
__ American Bittern*.....	u	r	u	u					u	u	u	u*
__ Least Bittern*.....									u	u	u	r*
__ Great Blue Heron.....	u	u	u	u					c	c	c	c
__ Great Egret.....	c	c	c	r					c	c	c	r
__ Snowy Egret.....	c	c	c						c	c	c	
__ Little Blue Heron.....	o	o	o						u	u	u	

	Morton				Target Rock				Wertheim			
	Sp	S	F	W	Sp	S	F	W	Sp	S	F	W
Tricolored Heron	r	r			r				o	o	o	
Cattle Egret	r	r	r		r	r	r		r	r	r	
Green Heron*	c	c	c	r*	u	u	u*		c	c	c	r*
Black-crowned Night-Heron	u	u	u	o	u	u	u	o	u	u	u	u
Yellow-crowned Night-Heron*	r	r			r	r	r*		r	r	r	

Ibises

Glossy Ibis	o	o	o		o		o		u	u	u	
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New World Vultures

Black Vulture									r			
Turkey Vulture	r				r				r			r

Swans - Geese - Ducks

Snow Goose	o		o		o		o				u	o
Canada Goose*	c	u	c	u*	c	o	o	o*	c	c	c	c*
Brant	o		o	o	o		o	o	u		u	u
Mute Swan*	c	c	c	c*	u	u	u	u*	c	c	c	c*
Tundra Swan									r		r	r
Wood Duck*	u	u	u*		o	o	o*		a	a	a	o*
Gadwall*	o	r	o	o*	o		o	o	c	u	c	c*
American Widgeon*	u	u		u	o		o	o	u	o	u	u*
American Black Duck*	a	u	a	a*	c	o	c	a*	a	c	a	a*
Mallard*	u	u	u	u*	u	u	u	u*	c	c	c	c*
Blue-winged Teal*	u		u		r		r		u	o	u	r*
Northern Shoveler	r		r		r		r		o		o	u
Northern Pintail	o		o	o	r		r	r	o		o	o
Green-winged Teal*	u		u	o	u		u	o	c	o	c	c*
Canvasback	o		o	o	o		o	o	u		u	u
Redhead	r		r	r								o
Ring-necked Duck	o		o		o		o		u		o	u
Greater Scaup	u		u	u	c		c	u	c	r	c	c
Lesser Scaup	u		u	u	o		o	o	o		o	o
Common Eider	r		r	r	r		r	r				
Harlequin Duck	r		r	r	r		r	r				
Surf Scoter	u		u	u	u		u	u				r
White-winged Scoter	a		a	a	u		u	u	r		r	r
Black Scoter	u		u	u	u		u	u				r
Oldsquaw	a	r	a	a	c		c	c	o	r	o	o
Bufflehead	c		c	c	c		c	c	c	r	c	c
Common Goldeneye	c		c	c	c		c	c	o	r	o	o
Hooded Merganser	r		o	u	r		r	r	c	r	c	c
Common Merganser			u	u			u	u	c	r	u	c
Red-breasted Merganser*	c	u	c	a	c		c	c	u	o	u	u*
Ruddy Duck	r		r	r	r		r	r	r	r	o	o

	Morton				Target Rock				Wertheim				
	Sp	S	F	W	Sp	S	F	W	Sp	S	F	W	
Ospreys - Kites - Hawks - Eagles													
__ Osprey*	c	c	c*		u	u	u		c	c	c*		
__ Swallow-tailed Kite									r		r		
__ <i>Bald Eagle</i>	r		r	r			r		r	r	o	o	
__ Northern Harrier*	o	o	o	o*			r	r	u	u	c	c*	
__ Sharp-shinned Hawk	c		c	u	u		u	o	c	o	c	c	
__ Cooper's Hawk*	c		c	u	u		r	u	o*	c	o	c	u*
__ Northern Goshawk			r	r	r		r		r		r	r	
__ Red-shouldered Hawk*	r		r		r		r		o	r	o*		
__ Broad-winged Hawk*	r	r	r*		r		r		r	r	r*		
__ Red-tailed Hawk*	c	c	c	c*	c	c	c	c*	c	c	c	c*	
__ Rough-legged Hawk	r		r	r	r		r	r	r		r	r	
__ Golden Eagle												r	

Falcons - Caracaras

__ American Kestrel*	c	o	c	u*	u	o	u	o*	c	o	c	u*
__ Merlin	u		u	r	o		o		u		c	o
__ Gyrfalcon									r		r	r
__ Peregrine Falcon	o		o	o	r		r	r	u	r	c	u

Gallinaceous Birds

__ Ring-necked Pheasant*	u	u	u	u*	u	u	u	u*	u	u	u	u*
__ Ruffed Grouse*									r	r	r	r*
__ Wild Turkey*									a	a	a	a*
__ Northern Bobwhite*	u	u	u	u*	o	o	o	o*	c	c	c	c*

Rails - Coots

__ Black Rail									r	r	r	
__ Clapper Rail*	o	o	o	r	o	o	o	r	u	u	u	r*
__ King Rail	r		r						r		r	
__ Virginia Rail*	u	u	u	r*	r	r	r		c	c	c	o*
__ Sora	o	r	o		r		r		u	r	u	r
__ Common Gallinule*									o	o	o*	
__ Purple Gallinule										r	r	
__ American Coot*	o		o		r		r		u	o	u	c*

Plovers

__ Black-bellied Plover	c	u	u	o	u	o	c	r	u	o	u	r
__ Lesser Golden Plover	r		r		r	r	r		r		r	
__ Wilson's Plover	r											
__ Semipalmated Plover	u	u	u		r	r	r		u	o	u	
__ <i>Piping Plover</i> *	u	u	u*		o	o	o*					
__ Killdeer*	u	u	u	o*	o	r	o	r*	u	u	u	r*

Oystercatchers

__ American Oystercatcher	u	u	u	r	r	r	r		u	u	u	r
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	Morton				Target Rock				Wertheim			
	Sp	S	F	W	Sp	S	F	W	Sp	S	F	W
Sandpipers - Phalaropes												
Greater Yellowlegs	c	c	c	r	u	u	c		c	c	c	r
Lesser Yellowlegs	c	u	c		r	r	r		c	u	c	
Solitary Sandpiper	o		o		o		o		o	o	o	
Willet*	u	u	u*		r	r	r		u	u	u*	
Spotted Sandpiper*	u	u	u*		o	r	u		u	u	u*	
Upland Sandpiper									r	r	r	
Whimbrel	r	o	o						r	r	o	
Hudsonian Godwit	r	r	r						r	r	r	
Marbled Godwit									r			
Ruddy Turnstone	a	u	c		o	o	u		u	o	o	
Red Knot	o	o	o		r		r		u	o	o	
Sanderling	c	c	c	u	r	r	r		o	o	o	r
Semipalmated Sandpiper	c	c	c		o	u	u		a	a	a	
Western Sandpiper	o		o				o		o		o	
Least Sandpiper	u	u	u		o	o	o		a	a	a	
White-rumped Sandpiper		r	r		o				r	r	r	
Pectoral Sandpiper	u	u	u		r	r	r		u	u	u	
Purple Sandpiper				r				r				
Dunlin	o	o	o	o	o	o	o	o	o		o	o
Stilt Sandpiper	r	r	r						r	r	r	
Short-billed Dowitcher	o	o	o		r	r	r		u	u	u	
Common Snipe	o		o	o	r		r		u	u	u	u
American Woodcock*	u	u	u	r*	u	o	o	r*	c	c	c	o*
Northern Phalarope	r	r	r		r	r	r		r	r	r	
Wilson's Phalarope	r	r	r		r	r	r		o	o	o	
Red Phalarope									r	r	r	
Jaegers - Gulls - Terns												
Parasitic Jaeger					r	r						
Laughing Gull	o	o	o	r	c	c	u	r	o	o	o	r
Bonaparte's Gull	o		o	o	o		o	o	r		r	r
Ring Billed Gull	c	o	c	c	c	o	c	c	u	o	u	u
Herring Gull	a	a	a	a	a	a	a	a	a	a	a	a
Iceland Gull	r											r
Lesser Black-backed Gull												r
Glaucous Gull			r	r								r
Great Black-backed Gull	a	a	a	a	c	c	c	c	a	c	a	a
Black-legged Kittiwake				r								
Gull-billed Tern									r			
Caspian Tern			r								r	
Royal Tern	o	o	o		o	o	o		o	o	o	
Roseate Tern	c	o	o						r	r		
Common Tern*	a	a	c*		c	c	u		c	u	u	
Arctic Tern	r	r										
Forster's Tern	r	o	o			o	o			o	o	

	Morton				Target Rock				Wertheim			
	Sp	S	F	W	Sp	S	F	W	Sp	S	F	W
__ Least Tern*	c	c	c*		c	c	u		c	c	u	
__ Black Tern	r				r						r	
__ Black Skimmer	u	u	u		o	o	o		o	o	o	
Doves												
__ Rock Dove*	o	o	o	o*	o	o	o	o*	o	o	o	o*
__ Mourning Dove*	a	a	a	a*	c	c	c	c*	a	a	a	a*
Parrots												
__ Budgerigar									r	r	r	r
__ Monk Parakeet									r	r	r	r
Cuckoos												
__ Black-billed Cuckoo*	u	u	u*		r	r	r*		o	o	o*	
__ Yellow-billed Cuckoo*	u	u	u*		o	o	o*		u	u		u*
Barn Owls												
__ Barn Owl*	r	r	r	r					o	o	o	o*
Typical Owls												
__ Eastern Screech Owl*	u	u	u	u*	u	u	u	u*	c	c	c	c*
__ Great Horned Owl*	u	u	u	u*	u	u	u	u*	c	c	c	c*
__ Snowy Owl	r		r	r					r		r	r
__ Long-eared Owl	r		r	r	r		r		r	r	r	r
__ Short-eared Owl	r		o	r	r		r		u	r	u	u
__ Northern Saw-whet Owl	o		o		o		o		o	r	u	o
Nightjars												
__ Common Nighthawk*	u		u		o	o	o*		o	u	u	
__ Chuck-will's-widow									r			r
__ Whip-poor-will*	o	o	o*		r	r	r		c	c	c*	
Swifts												
__ Chimney Swift*	u	u	u*		u	u	u*		u	u	u*	
Hummingbirds												
__ Ruby-throated Hummingbird*	o	o	o*		r	r	r*		u	u		u*
Kingfishers												
__ Belted Kingfisher*	c	c	c	c*	c	c	c	c*	c	c	c	c*
Woodpeckers												
__ Red-headed Woodpecker*	r		r	r	r	r	r*		r	r	r	r
__ Red-bellied Woodpecker*	c	c	c	c*	u	u	u	u*	c	c	c	c*
__ Yellow-bellied Sapsucker	u		u		o		o		u		u	r
__ Downy Woodpecker*	c	c	c	c*	c	c	c	c*	c	c	c	c*
__ Hairy Woodpecker*	u	u	u	u*	u	u	u	u*	u	u	u	u*

	Morton				Target Rock				Wertheim			
	Sp	S	F	W	Sp	S	F	W	Sp	S	F	W
__ Northern Flicker*	a	c	a	o*	a	c	a	o*	a	c	a	u*
__ Pileated Woodpecker							r					

Tyrant Flycatchers

__ Olive-sided Flycatcher.....	r		r		r		r		r		r	
__ Eastern Wood Pewee*	u	u	u*		u	u	u*		c	c	c*	
__ Yellow-bellied Flycatcher			r				r				o	
__ Acadian Flycatcher*	r	r	r						o	r	r*	
__ Alder Flycatcher	r		r		r		r		r		r	
__ Willow Flycatcher*	r		r		r		r		u	u	u*	
__ Least Flycatcher	u		u		o		o		u	r	u*	
__ Eastern Phoebe*	o	o	o*		o	o	o*		u	u	u*	
__ Great Crested Flycatcher*	c	c	c*		c	c	c*		c	c	c*	
__ Eastern Kingbird*	u	u	u*		u	u	u*		o	o		o*

Shrikes

__ Loggerhead Shrike	r		r						r	r	r	r
__ Northern Shrike.....	o		o	o					o		o	o

Vireos

__ White-eyed Vireo*	o	o	o*		r	r	r*		o	o	o*	
__ Solitary Vireo.....	u		u		r		r		u		u	
__ Yellow-throated Vireo*	r	r	r		r	r	r*		r	r	r*	
__ Warbling Vireo*	r		r		r		r		r	r	r*	
__ Philadelphia Vireo	r		r		r		r		r		r	
__ Red-eyed Vireo*	u	u	u*		u	o	o*		u	u	u*	

Crows - Jays

__ Blue Jay*	c	c	c	c*	c	c	c	c*	c	c	c	c*
__ American Crow*	c	c	c	u*	c	c	c	u*	c	c	c	u*
__ Fish Crow*	c	c	c	r*	u	u	u	r*	c	c	c	r*

Larks

__ Horned Lark*	u	u	u	u*	o		o	o	o		o	o
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Swallows

__ Purple Martin*	o		o		o		o		u	u	u*	
__ Tree Swallow*	a	a	a*		a	a	a*		a	a	a	r*
__ Northern Rough-winged Swallow*	u	o	o*		o	o	o*		u	o	o*	
__ Bank Swallow*	c	c	c*		c	c	c*		o	r	o	
__ Cliff Swallow			r								r	
__ Barn Swallow*	c	c	c*		c	c	c*		a	a	a*	

Titmice - Chickadees

__ Black-capped Chickadee*	a	a	a	a*	c	c	c	c*	c	c	c	c*
__ Tufted Titmouse*	c	c	c	c*	c	c	c	c*	c	c	c	c*

	Morton				Target Rock				Wertheim			
	Sp	S	F	W	Sp	S	F	W	Sp	S	F	W
Nuthatches												
__ Red-breasted Nuthatch.....	r		o	r	o		o	r	o		o	r
__ White-breasted Nuthatch*	u	u	u	u*	u	u	u	u*	u	u	u	u*
Creepers												
__ Brown Creeper*	u	r	u	o*	u		u	o	u	r	u	o*
Wrens												
__ Carolina Wren*	u	u	u	u*	c	c	c	c*	c	c	c	c*
__ House Wren*	c	c	c*		c	c	c*		c	c	c*	
__ Winter Wren	r		r	r	r		r	r	o		o	r
__ Sedge Wren									r	r	r	
__ Marsh Wren*	u	u	u*		o	r	o*		a	a	a	r*
Kinglets												
__ Golden-crowned Kinglet.....	u		u	u	u		u	u	u		u	u
__ Ruby-crowned Kinglet.....	u		u	u	u		u	u	u		u	u
Old World Warblers												
__ Blue-gray Gnatcatcher*	u	u	o*		o	o	o*		u	u	o*	
Thrushes												
__ Northern Wheatear												r
__ Eastern Bluebird*	r	r	r	r	r		r	r	u	u	u	u*
__ Veery*	u	o	u*		u	o	o*		u	u	u*	
__ Gray-cheeked Thrush.....	u		u		r		r		u		u	
__ Swainson's Thrush	u		u		u		u		u		u	
__ Hermit Thrush*	u	u	u	o*	u	u	u	o*	u	u	u	o*
__ Wood Thrush*	c	u	u*		u	u	u*		c	c	c*	
__ American Robin*	a	c	a	u*	c	c	c	u*	a	a	a	u*
Mimic Thrushes												
__ Gray Catbird*	a	a	a	o*	a	a	a	o*	a	a	a	o*
__ Northern Mockingbird*	c	c	c	c*	c	c	c	c*	c	c	c	c*
__ Brown Thrasher*	u	u	u	o*	u	u	u	r*	u	u	u	o*
Starlings												
__ European Starling*	u	u	u	u*	u	u	u	u*	u	u	u	u*
Pipits												
__ American Pipit.....	u		u						r			r
Waxwings												
__ Cedar Waxwing*	u	u	u	u*	u	o	u	o*	u	u	u	u*
Wood Warblers												
__ Blue-winged Warbler*	c	c	c*		u	u	u*		c	c	c*	
__ Golden-winged Warbler.....	r								r	r	r	

	Morton				Target Rock				Wertheim			
	Sp	S	F	W	Sp	S	F	W	Sp	S	F	W
___ Tennessee Warbler.....	o		o		r				o		o	
___ Orange-crowned Warbler.....			r				r				o	
___ Nashville Warbler.....	o		o		o		o		o		o	
___ Northern Parula Warbler*.....	c		c		c	r	u*		c		c	
___ Yellow Warbler*.....	c	c	c*		c	c	c*		c	c	c*	
___ Chesnut-sided Warbler*.....	u		u		u	r	u*		u	r	u*	
___ Magnolia Warbler.....	u		u		u		u		u		u	
___ Cape May Warbler.....	u		u		o		o		u		u	
___ Black-throated Blue Warbler*.....	u		o		u	o	o*		u		o	
___ Yellow-rumped Warbler.....	c		c	u	c	r	c	u	c	r	c	u
___ Black-throated Green Warbler.....	u		u		u		u		u		u	
___ Blackburnian Warbler.....	u		u		o		o		u		u	
___ Pine Warbler*.....	o	r	o				r		u	u	u*	
___ Prairie Warbler*.....	u	u	u*		o	o	o*		u	u	u*	
___ Palm Warbler.....	u		u		o		o		u		u	r
___ Bay-breasted Warbler.....	u		u		o		o		u		u	
___ Blackpoll Warbler.....	u		u		u		u		u		u	
___ Cerulean Warbler.....			r				r				r	
___ Black-and-White Warbler*.....	u	u	u*		u	u	u*		c	c	c*	
___ American Redstart*.....	c	c	c*		c	c	u*		u	u	u*	
___ Prothonotary Warbler.....	r		r		r		r		r	r	r	
___ Worm-eating Warbler.....	r		r		r		r					
___ Ovenbird*.....	u	u	u*		u	u	u*		c	c	c*	
___ Northern Waterthrush.....	u		u		r		r		u		u	
___ Louisiana Waterthrush.....			o		r		r		r		r	
___ Kentucky Warbler.....					r	r	r		o		o	
___ Connecticut Warbler.....			o		o		o		o		o	
___ Mourning Warbler.....			o		o		o		o		o	
___ Common Yellowthroat*.....	a	a	a*		a	a	a*		a	a	a*	
___ Hooded Warbler.....					r		r		o		o	
___ Wilson's Warbler.....	o		o		o		o		o		o	
___ Canada Warbler*.....	o		o		o	o	o*		o	r	o	
___ Yellow-breasted Chat*.....	o		r		r	r	r*		r	r	r*	

Tanagers

___ Summer Tanager.....			r		r				r	r	r	
___ Scarlet Tanager*.....	u	u	u*		o	o	o*		u	u	u*	

Sparrows - Towhees

___ Rufous-sided Towhee*.....	c	c	c	o*	u	u	u	r*	a	a	a	o*
___ American Tree Sparrow.....	u		u	u	u		u	u	c		c	c
___ Chipping Sparrow*.....	u	u	u	r*	c	u	o*		o	o	o	r*
___ Field Sparrow*.....	u	u	u	r*	u	u	u	r*	u	u	u	o*
___ Vesper Sparrow.....	r		r		r		r		r		r	r
___ Lark Sparrow.....											r	
___ Savannah Sparrow*.....	u	u	u	u*			r	r	o	o	o	o*

	Morton				Target Rock				Wertheim			
	Sp	S	F	W	Sp	S	F	W	Sp	S	F	W
Grasshopper Sparrow.....									r		r	
Sharp-tailed Sparrow*.....	c	c	c*		u	u	u*		a	a	a	r*
Seaside Sparrow*.....	o	o	o*		r	r	r*		u	u	u*	
Fox Sparrow.....	u		u	u	u		u	u	u		u	u
Song Sparrow*.....	c	c	c	c*	c	c	c	c*	c	c	c	c*
Lincoln's Sparrow.....									o		o	o
Swamp Sparrow*.....	o	o	o	o*	o	o	o	r	u	u	u	u*
White-throated Sparrow.....	a		a	a	c		c	c	c		c	c
White-crowned Sparrow.....	r		o	r	r		r	r	r		o	r
Dark-eyed Junco.....	c		c	c	c		c	c	c		c	c
Snow Bunting.....	o		u	u	r		o	o	r		o	o

Cardinals - Grosbeaks

Northern Cardinal*.....	u	u	u	u*	u	u	u	u*	u	u	u	u*
Rose-breasted Grosbeak*.....	o	o	o*		o	o	o*		u	u	u*	
Indigo Bunting*.....	r	r	r*		o	o	r*		o	o	o*	
Dickeissel.....											r	

Blackbirds - Orioles

Bobolink.....											r	
Red-winged Blackbird*.....	c	c	c	r*	c	c	c	r*	a	a	a	u*
Eastern Meadowlark*.....	u	o	o	u	r	r	r	r	u	u	u	u*
Rusty Blackbird.....	o		o	o	o		o	o	u		o	o
Brewer's Blackbird.....											r	
Common Grackle*.....	c	c	c	r*	a	a	c	r*	c	c	c	r*
Boat-tailed Grackle.....									r			
Brown-headed Cowbird*.....	u	u	u	o*	u	u	u	o*	u	u	u	o*
Orchard Oriole*.....	r				o	o	o*		r	r	r*	
Northern Oriole*.....	c	c	c	r*	c	c	c	r*	c	c	c	r*

Finches

Purple Finch.....	o		o	o	o		o	o	o		o	o
House Finch*.....	c	c	c	c*	u	u	u	u*	c	c	c	c*
Red Crossbill.....	r	r	r	r	r	r	r	r	r	r	r	r
White-winged Crossbill.....	r	r	r	r	r	r	r	r	r	r	r	r
Common Redpoll.....	r	r	r	r	r	r	r	r	r	r	r	r
Hoary Redpoll.....	r	r	r	r					r	r	r	
Pine Grosbeak.....									r	r	r	
Pine Siskin.....	o	o	o	o	r	r	r	r	o		o	o
American Goldfinch*.....	u	u	u	u*	o	o	o	o*	u	u	u	u*
Evening Grosbeak.....	o		o	o	o		o	o	o		o	o

Old World Sparrows

House Sparrow*.....	u	u	u	u*	o	o	o	o*	o	o	o	o*
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