

s S F W

- ___ Long-billed Marsh Wren† c c c o
- ___ Short-billed Marsh Wren† o o o o

**MOCKINGBIRDS - THRUSHES -
GNATCATCHERS and KINGLETS -
WAXWINGS**

- ___ Mockingbird† c c c c
- ___ Grey Catbird c c c o
- ___ Brown Thrasher† c c c o
- ___ American Robin† c c c o
- ___ Wood Thrush† c c c
- ___ Hermit Thrush c c o
- ___ Swainson's Thrush c c
- ___ Gray-cheeked Thrush o o
- ___ Veery c c
- ___ Eastern Bluebird r r r r
- ___ Blue-gray Gnatcatcher† o o o r
- ___ Golden-crowned Kinglet o c c
- ___ Ruby-crowned Kinglet c c o
- ___ Water Pipit o c o
- ___ Cedar Waxwing o r o o

**SHRIKES - VIREOS - WARBLERS -
BLACKBIRDS - TANAGERS**

- ___ Loggerhead Shrike o o o
- ___ Starling† a a a a
- ___ White-eyed Vireo† c c c
- ___ Yellow-throated Vireo† o r o
- ___ Solitary Vireo o o
- ___ Red-eyed Vireo† a a a
- ___ Black-and-white Warbler c o c
- ___ Prothonotary Warbler† o o o
- ___ Worm-eating Warbler o o
- ___ Blue-winged Warbler o o
- ___ Golden-winged Warbler o o

s S F W

- ___ Tennessee Warbler o o
- ___ Nashville Warbler o o
- ___ Northern Parula c o c
- ___ Yellow Warbler† c c c
- ___ Magnolia Warbler c c
- ___ Cape May Warbler o o
- ___ Black-throated Blue Warbler c c
- ___ Yellow-rumped Warbler a a c
- ___ Black-throated Green Warbler c c
- ___ Cerulean Warbler r
- ___ Blackburnian Warbler o o o
- ___ Chestnut-sided Warbler c o c
- ___ Bay-breasted Warbler o o
- ___ Blackpoll Warbler c c
- ___ Pine Warbler o o o
- ___ Prairie Warbler o o o
- ___ Palm Warbler c c r
- ___ Ovenbird c o c
- ___ Northern Waterthrush c o c
- ___ Louisiana Waterthrush† o o o
- ___ Kentucky Warbler† c c o
- ___ Common Yellowthroat† c c c r
- ___ Yellow-breasted Chat† o o o r
- ___ Hooded Warbler o r o
- ___ Wilson's Warbler o o
- ___ Canada Warbler c o o
- ___ American Redstart† c o c
- ___ House Sparrow† a a a a
- ___ Bobolink o c c
- ___ Eastern Meadowlark† c c c c
- ___ Red-winged Blackbird† a a a a
- ___ Orchard Oriole† o o o
- ___ Northern Oriole o o o
- ___ Rusty Blackbird c c o
- ___ Boat-tailed Grackle o o o r
- ___ Common Grackle† a a a c
- ___ Brown-headed Cowbird† c c c c
- ___ Scarlet Tanager† c c c

GROSBEAKS, BUNTINGS and SPARROWS

s S F W

- ___ Cardinal† c c c c
- ___ Rose-breasted Grosbeak o o
- ___ Blue Grosbeak† o o o
- ___ Evening Grosbeak o o o
- ___ Indigo Bunting† c c c
- ___ Purple Finch o o o
- ___ Pine Siskin o o o
- ___ American Goldfinch† c c c c
- ___ Rufous-sided Towhee† c c c o
- ___ Savannah Sparrow c r a c
- ___ Grasshopper Sparrow† o o o
- ___ Henslow's Sparrow o o o r
- ___ Sharp-tailed Sparrow† a a a o
- ___ Seaside Sparrow† a a a o
- ___ Vesper Sparrow o o o r
- ___ Dark-eyed Junco c c c
- ___ Tree Sparrow o c c
- ___ Chipping Sparrow† c o c r
- ___ Field Sparrow† c c c c
- ___ White-crowned Sparrow o o o
- ___ White-throated Sparrow a a a
- ___ Fox Sparrow o c o
- ___ Swamp Sparrow† c c c c
- ___ Song Sparrow† c c c c
- ___ Lapland Longspur o
- ___ Snow Bunting o o



NOTES

Location _____

Date _____ Total _____

Observers _____

Weather _____ Wind _____

Time _____



Please report any sightings of birds that are not included in this list to:

Refuge Manager
Bombay Hook National Wildlife Refuge
RD 1, Box 147
Smyrna, Delaware 19977
Telephone: (302) 653-9345

A leaflet entitled "Accidental Birds of Bombay Hook" is available on request.

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U. S. administration.



BIRDS

OF

BOMBAY HOOK

NATIONAL WILDLIFE REFUGE

DELAWARE



UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

May 1978
RL 51550-2

BOMBAY HOOK NATIONAL WILDLIFE REFUGE lies low and flat on the Atlantic Coastal Plain along the western shore of Delaware Bay. Nearly two-thirds of its more than 15,000 acres spreads out into tidal salt marsh and cord-grass meadows interrupted by winding rivers and creeks. Away from the bay and marsh are man-made fresh-water ponds called impoundments. Upland woods, swamps, brushy thickets, grassy fields, and croplands complete the diversity of habitat which attracts a wide variety of bird life.

Look for greatest numbers of waterfowl during March and November. Shorebirds, wading birds and songbirds are most abundant during May, August, and September.

This list of 261 birds observed on the refuge since its establishment in 1937 is in accordance with the Fifth A. O. U. Check-list as amended.

Most birds are migratory, therefore their seasonal occurrence is coded as follows:

SEASON

s - Spring March-May
S - Summer June-August
F - Fall September-November
W - Winter December-February
† = Nesting has occurred on the refuge

RELATIVE ABUNDANCE

a - abundant a species which is 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 a season.
r - rare seen at intervals of 2 to 5 years.

LOONS - GREBES - CORMORANTS - HERONS - IBISES

	s	S	F	W
Common Loon.....	o	r	o	o
Red-throated Loon.....		o	o	
Horned Grebe.....	o	r	o	o
Pied-billed Grebe†.....	o	o	o	o
Double-crested Cormorant.....	o	o	o	r
Great Blue Heron.....	c	c	c	o
Green Heron†.....	c	c	c	r
Little Blue Heron.....	o	c	c	
Cattle Egret.....	o	o	o	
Great Egret.....	o	a	c	o
Snowy Egret.....	o	a	c	r
Louisiana Heron.....	o	o	o	
Black-crowned Night Heron.....	c	c	c	o
Yellow-crowned Night Heron.....	o	o	o	
Least Bittern†.....	o	c	o	
American Bittern†.....	o	o	o	o
Glossy Ibis.....	o	c	o	

SWANS - GEESE and DUCKS

Mute Swan.....	r	r	r	
Whistling Swan.....	o	r	c	o
Canada Goose†.....	a	c	a	a
Brant.....	o	o	o	
White-fronted Goose.....	r	r	r	
Snow Goose.....	c	r	a	c
Fulvous Tree Duck.....	r	r	r	
Mallard†.....	a	c	a	a
Black Duck†.....	a	a	a	a
Gadwall†.....	c	a	a	o
Pintail.....	a	o	a	a
Green-winged Teal.....	a	o	a	c
Blue-winged Teal†.....	c	c	a	r
European Wigeon.....	r	r	r	r
American Wigeon.....	c	o	a	c
Northern Shoveler†.....	c	o	a	o

s S F W

Wood Duck†.....	c	c	a	o
Redhead.....	o	r	o	o
Ring-necked Duck.....	c	r	c	o
Canvasback.....	o	r	o	o
Greater Scaup.....	c	o	c	c
Lesser Scaup.....	c		c	c
Common Goldeneye.....	o	r	o	o
Bufflehead.....	c	r	c	c
Oldsquaw.....	o	r	o	o
White-winged Scoter.....	o		o	o
Surf Scoter.....	o		o	o
Black Scoter.....	o	o	o	o
Ruddy Duck.....	c	o	c	c
Hooded Merganser.....	c	o	c	c
Common Merganser.....	c	r	c	c
Red-breasted Merganser.....	o	r	o	o

VULTURES and HAWKS - QUAIL - RAILS and COOTS

Turkey Vulture†.....	c	c	c	c
Black Vulture.....	o	o	o	o
Sharp-shinned Hawk.....	o		o	o
Cooper's Hawk.....	o	o	o	o
Red-tailed Hawk†.....	o	o	c	c
Red-shouldered Hawk†.....	o	o	o	o
Broad-winged Hawk.....	o	o	o	
Rough-legged Hawk.....	o		o	c
Golden Eagle.....		r	r	
Bald Eagle†.....	o	o	o	o
Marsh Hawk†.....	c	o	c	c
Osprey†.....	o	o	o	
Peregrine Falcon.....	r	r	r	
Merlin.....	r		o	r
American Kestrel†.....	o	o	o	o
Bobwhite†.....	c	c	c	c
Ring-necked Pheasant†.....	c	c	c	c
King Rail†.....	c	c	c	o
Clapper Rail†.....	c	c	c	o
Virginia Rail†.....	c	o	c	r
Sora†.....	c	o	c	

s S F W

Black Rail.....	r	r	r	
Common Gallinule†.....	o	o	o	r
American Coot†.....	c	o	a	o

PLOVERS, SNIPES and SANDPIPERS

Semipalmated Plover.....	c	o	c	r
Killdeer†.....	c	c	c	o
American Golden Plover.....	r	r	o	
Black-bellied Plover.....	c	o	c	o
Ruddy Turnstone.....	c	o	c	
American Woodcock†.....	c	o	c	r
Common Snipe.....	c	o	c	o
Whimbrel.....	o	o	o	
Upland Sandpiper.....	o	o	o	
Spotted Sandpiper.....	o	o	o	
Solitary Sandpiper.....	o	o	o	
Willet†.....	a	a	o	
Greater Yellowlegs.....	c	c	a	r
Lesser Yellowlegs.....	c	c	c	r
Red Knot.....	o	o	o	
Pectoral Sandpiper.....	o	c	c	r
White-rumped Sandpiper.....	o	o	o	
Baird's Sandpiper.....	r	r	r	
Least Sandpiper.....	c	c	c	r
Curlew Sandpiper.....	r	r	r	
Dunlin.....	a	o	a	c
Short-billed Dowitcher.....	c	c	a	r
Long-billed Dowitcher.....	o	o		
Stilt Sandpiper.....	r	o	o	r
Semipalmated Sandpiper.....	a	c	a	r
Western Sandpiper.....	r	o	c	r
Marbled Godwit.....	r	r	r	
Hudsonian Godwit.....	r		o	
Ruff.....	r	r	r	
Sanderling.....	c	o	c	
American Avocet.....	o	o	o	r
Black-necked Stilt.....	o	o		
Wilson's Phalarope.....	o	o	o	
Northern Phalarope.....	o	o		

GULLS and TERNS - DOVES CUCKOOS - OWLS - NIGHTHAWKS

s S F W

Great Black-backed Gull.....	c	o	c	c
Herring Gull.....	c	c	a	c
Ring-billed Gull.....	c	o	a	c
Laughing Gull.....	a	c	a	
Bonaparte's Gull.....	o	o	o	o
Gull-billed Tern.....	o	o	o	
Forster's Tern.....	o	c	c	
Common Tern.....	o	o	o	
Least Tern.....	o	c	o	
Royal Tern.....		r		
Caspian Tern.....	o	o	o	
Black Tern.....	o	o	o	
Black Skimmer.....	o	o	o	
Mourning Dove†.....	c	c	a	c
Yellow-billed Cuckoo†.....	c	c	c	
Black-billed Cuckoo†.....	o	o	o	
Barn Owl†.....	o	o	o	o
Screech Owl†.....	o	o	o	o
Great Horned Owl†.....	c	c	c	c
Barred Owl†.....	c	c	c	c
Long-eared Owl.....		r	r	
Short-eared Owl†.....	o	o	o	o
Saw-whet Owl.....	r	r	r	

Whip-poor-will.....	o	o		
Common Nighthawk.....	o	o	o	
Chimney Swift.....	c	c	c	

HUMMINGBIRDS - KINGFISHERS - WOODPECKERS - FLYCATCHERS

Ruby-throated Hummingbird†.....	c	c	c	
Belted Kingfisher†.....	o	o	o	o
Common Flicker†.....	c	c	c	o

LARKS - SWALLOWS

s S F W

Red-bellied Woodpecker†.....	c	c	c	c
Red-headed Woodpecker.....	r	r	r	
Yellow-bellied Sapsucker.....	o		o	r
Hairy Woodpecker†.....	o	o	o	o
Downy Woodpecker†.....	c	c	c	c
Eastern Kingbird†.....	c	c	c	
Great Crested Flycatcher†.....	c	c	c	
Eastern Phoebe†.....	c	o	c	r
Acadian Flycatcher†.....	o	c	o	
Willow Flycatcher†.....	o	o	o	
Alder Flycatcher.....	o		o	
Least Flycatcher.....	o		o	
Eastern Wood Pewee†.....	c	c	c	
Olive-sided Flycatcher.....	r	r		
Horned Lark†.....	c	o	c	c
Tree Swallow†.....	c	a	a	r
Bank Swallow.....	o	c	a	
Rough-winged Swallow.....	o	o	o	
Barn Swallow†.....	c	c	c	r
Cliff Swallow.....	o		r	
Purple Martin†.....	c	c	o	

JAYS and CROWS - TITMICE NUTHATCHES - WRENS

Blue Jay†.....	c	c	c	c
Common Crow†.....	a	c	a	a
Fish Crow†.....	c	c	c	o
Black-capped Chickadee.....	o	o		
Carolina Chickadee†.....	c	c	c	c
Tufted Titmouse†.....	c	c	c	c
White-breasted Nuthatch.....	o	o	o	o
Red-breasted Nuthatch.....	o		o	o
Brown Creeper.....	c		c	c
House Wren†.....	c	c	c	r
Winter Wren.....	c		c	c
Carolina Wren†.....	c	c	c	c